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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 17:49:17 ; Search time 104.202 Seconds  
(without alignments)  
852.943 Million cell updates/sec

Title: US-10-006-591A-4

Perfect score: 50

Sequence: 1 attaacacctctccccctgtg.....tgacggcggaactcagcc 50

Scoring table: Gapped 10.0 , Gapped 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0\*

Maximum Match 100\*

Listing first 45 summaries

Database : Issued Parents NA:\*

1: /cgn2\_6/ptodata/1/ina/1\_COMB.seq:\*  
2: /cgn2\_6/ptodata/1/ina/5\_COMB.seq:\*  
3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*  
4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*  
5: /cgn2\_6/ptodata/1/ina/H\_COMB.seq:\*  
6: /cgn2\_6/ptodata/1/ina/PCtus\_COMB.seq:\*  
7: /cgn2\_6/ptodata/1/ina/PP\_COMB.seq:\*  
8: /cgn2\_6/ptodata/1/ina/RE\_COMB.seq:\*  
9: /cgn2\_6/ptodata/1/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	50	100.0	357	3 US-09-171-945-46	Sequence 46, Appl
C 2	50	100.0	357	3 US-09-910-059-46	Sequence 46, Appl
C 3	50	100.0	646	3 US-08-300-386A-2	Sequence 2, Appl
C 4	50	100.0	646	3 US-08-931-645-2	Sequence 2, Appl
C 5	50	100.0	646	6 PCT-US94-01258-2	Sequence 2, Appl
C 6	50	100.0	646	6 PCT-US95-11235-2	Sequence 2, Appl
C 7	50	100.0	729	3 US-08-276-852-152	Sequence 152, App
C 8	50	100.0	729	2 US-08-276-852-152	Sequence 152, App
C 9	50	100.0	729	2 US-08-899-575-152	Sequence 152, App
C 10	50	100.0	729	2 US-08-899-575-152	Sequence 152, App
C 11	50	100.0	729	2 US-08-899-575-152	Sequence 152, App
C 12	50	100.0	729	2 US-08-899-575-152	Sequence 152, App
C 13	50	100.0	729	6 PCT-US95-08743-152	Sequence 152, App
C 14	50	100.0	729	6 PCT-US95-08743-152	Sequence 152, App
C 15	50	100.0	732	6 PCT-US95-08743-152	Sequence 152, App
C 16	50	100.0	732	3 US-09-011-769A-26	Sequence 26, Appl
C 17	50	100.0	3217	3 US-09-423-439-52	Sequence 52, Appl
C 18	50	100.0	4691	3 US-08-591-632-43	Sequence 43, Appl
C 19	50	100.0	4691	3 US-08-591-632-43	Sequence 43, Appl
C 20	50	100.0	6166	3 US-08-591-632-51	Sequence 51, Appl
C 21	50	100.0	6166	3 US-09-611-451-51	Sequence 51, Appl
C 22	48.4	96.8	724	3 US-09-237-061-1	Sequence 1, Appl
C 23	48.4	96.8	1081	3 US-09-746-359A-20	Sequence 20, Appl
C 24	48.4	96.8	5703	2 US-08-467-420A-50	Sequence 50, Appl

C 25	48.4	96.8	5703	2 US-08-470-110A-50	Sequence 50, Appl
C 26	48.4	96.8	5703	2 US-08-667-769A-50	Sequence 50, Appl
C 27	48.4	96.8	5703	2 US-08-940-371-50	Sequence 50, Appl
C 28	48.4	96.8	5703	3 US-08-637-647-50	Sequence 50, Appl
C 29	48.4	96.8	5703	3 US-10-700-740-50	Sequence 50, Appl
C 30	48.4	96.8	5703	6 PCT-US95-17082A-50	Sequence 6, Appl
C 31	48.4	96.8	8420	3 US-09-927-121B-6	Sequence 90, Appl
C 32	48.4	96.8	8425	3 US-09-927-121B-90	Sequence 89, Appl
C 33	48.4	96.8	9182	3 US-09-927-121B-89	Sequence 156, App
C 34	48.4	96.8	13254	2 US-08-276-852-156	Sequence 170, App
C 35	48.4	96.8	13254	2 US-08-899-575-156	Sequence 156, App
C 36	48.4	96.8	13254	2 US-08-899-575-156	Sequence 156, App
C 37	48.4	96.8	13254	2 US-08-899-575-156	Sequence 156, App
C 38	48.4	96.8	13254	2 US-08-899-575-156	Sequence 156, App
C 39	48.4	96.8	13254	2 US-08-899-575-156	Sequence 156, App
C 40	48.4	96.8	13254	6 PCT-US95-08743-156	Sequence 170, App
C 41	48.4	96.8	13254	6 PCT-US95-08743-170	Sequence 170, App
C 42	47.4	94.8	337	3 US-10-134-188-27	Sequence 27, Appl
C 43	47.4	94.8	714	2 US-08-398-613A-27	Sequence 27, Appl
C 44	47.4	94.8	714	2 US-08-398-613A-27	Sequence 27, Appl
C 45	47.4	94.8	714	2 US-08-398-611A-27	Sequence 27, Appl

## ALIGNMENTS

RESULT 1  
US-09-171-945-46/c  
Sequence 46, Application US/09171945  
Patent No. 6277599  
GENERAL INFORMATION:  
APPLICANT: Emery, Stephen  
APPLICANT: Copley, Clive Graham  
APPLICANT: Edge, Michael Derek  
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said  
TITLE OF INVENTION: Antibody, and Their Therapeutic Use in an Adept System  
FILE REFERENCE: Monoclonal Antibody to CEA  
CURRENT APPLICATION NUMBER: US/09/171,945  
CURRENT FILING DATE: 1998-10-29  
PRIOR APPLICATION NUMBER: GB9703103.3  
PRIOR FILING DATE: 1997-02-14  
PRIOR APPLICATION NUMBER: GB9609405.7  
PRIOR FILING DATE: 1996-05-04  
PRIOR APPLICATION NUMBER: PCT/GB97/01165  
PRIOR FILING DATE: 1997-04-29  
NUMBER OF SEQ ID NOS: 131  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 46  
LENGTH: 357  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: humanized  
US-09-171-945-46  
Query Match 100.0%; Score 50; DB 3; Length 357;  
Best Local Similarity 100.0%; Pred. No. 8.4e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
DB 343 ATTAACTCTCTCCCTGTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 294  
OR 1 ATTAACTCTCTCCCTGTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 50  
DB 343 ATTAACTCTCTCCCTGTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 294  
RESULT 2  
US-09-910-059-46/c  
Sequence 46, Application US/09910055  
Patent No. 6903203  
GENERAL INFORMATION:  
APPLICANT: Copley, Clive G  
APPLICANT: Edge, Michael Derek  
APPLICANT: Emery, Stephen Charles  
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said Antibody,

TITLE OF INVENTION: Their Therapeutic use in an Adept System  
FILE REFERENCE: 1991-209  
CURRENT FILING DATE: 2001-07-23  
PRIOR FILING DATE: 1998-10-29  
PRIOR FILING DATE: 1998-10-29  
PRIOR FILING DATE: 1997-04-29  
PRIOR FILING DATE: 1997-02-14  
PRIOR FILING DATE: 1996-05-04  
NUMBER OF SEQ ID NOS: 131  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 46  
LENGTH: 357  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: human light chain kappa constant region insert  
US-09-910-059-46

Query Match 100.0%; Score 50; DB 3; Length 357;  
Best Local Similarity 100.0%; Pred. No. 8,4e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGCC 50  
DB 343 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGCC 294

## RESULT 3

US-08-300-386A-2/c  
Sequence 2, Application US/08300386A  
Patent No. 5667988

GENERAL INFORMATION:  
APPLICANT: Bardas, Carlos F, III  
APPLICANT: Burton, Dennis A  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS  
NUMBER OF SEQUENCES: 70  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute  
STREET: 10666 No. 5667988th Torrey Pines Road, TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/300,386A  
FILING DATE: 02-SEP-1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,623  
FILING DATE: 27-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: TSRI 409.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
US-08-300-386A-2

Query Match 100.0%; Score 50; DB 2; Length 646;  
Best Local Similarity 100.0%; Pred. No. 9.7e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGCC 50  
DB 640 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGCC 591

## RESULT 4

US-08-931-645-2/c  
Sequence 2, Application US/08931645  
Patent No. 6096551

GENERAL INFORMATION:  
APPLICANT: Bardas, Carlos F, III  
APPLICANT: Burton, Dennis A  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS  
NUMBER OF SEQUENCES: 70  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute  
STREET: 10666 No. 6096551th Torrey Pines Road, TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,645  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/300,386  
FILING DATE: 02-SEP-1994  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,623  
FILING DATE: 27-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 409.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:  
LENGTH: 646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-931-645-2

Query Match 100.0%; Score 50; DB 3; Length 646;  
Best Local Similarity 100.0%; Pred. No. 9,7e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGGGGGAAGTCAAGGCC 50  
Db 640 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGGGGGAAGTCAAGGCC 591

## RESULT 5

PCT-US94-01258-2/c  
Sequence 2, Application PC/TUS9401258  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS  
NUMBER OF SEQUENCES: 61  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/01258  
FILING DATE: 02-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US94-01258-2

Query Match 100.0%; Score 50; DB 6; Length 646;  
Best Local Similarity 100.0%; Pred. No. 9,7e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGGGGGAAGTCAAGGCC 50  
Db 640 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGGGGGAAGTCAAGGCC 591

## RESULT 6

PCT-US95-11235-2/c  
Sequence 2, Application PC/TUS9511235  
GENERAL INFORMATION:  
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS  
NUMBER OF SEQUENCES: 70  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute  
STREET: 10666 North Torrey Pines Road, TPC8  
CITY: La Jolla

STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/11235  
FILING DATE: 01-SEP-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,386  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,623  
FILING DATE: 27-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 409.1 (PC)  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US95-11235-2

Query Match 100.0%; Score 50; DB 6; Length 646;  
Best Local Similarity 100.0%; Pred. No. 9,7e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGGGGGAAGTCAAGGCC 50  
Db 640 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGGGGGAAGTCAAGGCC 591

## RESULT 7

US-08-276-852-152/c  
Sequence 152, Application US/08276852  
Patent No. 5652138  
GENERAL INFORMATION:  
APPLICANT: Burton, Dennis R  
APPLICANT: Barbas, Carlos F  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
NUMBER OF SEQUENCES: 170  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA

ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/276,852  
FILING DATE: 18-JUL-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/178,302  
FILING DATE: 30-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: SCR1452P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 152:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 729 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9..715  
US-08-276-852-152

Query Match 100.0%; Score 50; DB 2; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Cy 1 ATTAACTCTCCCTGTGAGCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 717 ATTAACTCTCCCTGTGAGCTTTGTGACGGGCGAAGCTCAGGCC 668  
RESULT 8  
US-08-276-852-168  
Sequence 168, Application US/08276852  
Patent No. 5652138  
GENERAL INFORMATION:  
APPLICANT: Burton, Dennis R  
APPLICANT: Barbas, Carlos F  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
NUMBER OF SEQUENCES: 170  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESS: Patent Counsel  
STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/276,852  
FILING DATE: 18-JUL-1994  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/178,302  
FILING DATE: 30-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: SCR1452P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 168:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 729 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-276-852-168

Query Match 100.0%; Score 50; DB 2; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Cy 1 ATTAACTCTCCCTGTGAGCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 13 ATTAACTCTCCCTGTGAGCTTTGTGACGGGCGAAGCTCAGGCC 62

RESULT 9  
US-08-899-575-152/c  
Sequence 152, Application US/08899575  
Patent No. 5770440  
GENERAL INFORMATION:  
APPLICANT: Burton, Dennis R  
APPLICANT: Barbas, Carlos F  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
NUMBER OF SEQUENCES: 170  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESS: Patent Counsel  
STREET: 10666 No. 5770440th Torrey Pines Road, Suite 220,  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/899,575  
FILING DATE: 24-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/276,852  
FILING DATE: 18-JUL-1994  
APPLICATION NUMBER: US 08/178,302  
FILING DATE: 30-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: SCR1452P  
TELECOMMUNICATION INFORMATION:



TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 152:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 729 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9..715  
US-08-899-575-152

Query Match 100.0%; Score 50; DB 2; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 50  
Db 717 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 668

RESULT 10  
US-08-899-575-168  
Sequence 168, Application US/08899575  
Patent No. 5770440  
GENERAL INFORMATION:  
APPLICANT: Burton, Dennis R  
APPLICANT: Barbas, Carlos F  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
NUMBER OF SEQUENCES: 170  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESSEE: Patent Counsel  
STREET: 10666 No. 5770440th Torrey Pines Road, Suite 220,  
STREET: Mail Drop TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/899,575  
FILING DATE: 24-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/276,852  
FILING DATE: 18-JUL-1994  
APPLICATION NUMBER: US 08/178,302  
FILING DATE: 30-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: SCR1452P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 168:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 729 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-08-899-575-168

Query Match 100.0%; Score 50; DB 2; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 50  
Db 13 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 62

RESULT 11  
US-08-899-575-152/C  
Sequence 152, Application US/08899575  
Patent No. 5804440  
GENERAL INFORMATION:  
APPLICANT: Burton, Dennis R  
APPLICANT: Barbas, Carlos F  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
NUMBER OF SEQUENCES: 170  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESSEE: Patent Counsel  
STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,  
STREET: Mail Drop TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/899,575  
FILING DATE: 24-JUL-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/276,852  
FILING DATE: 18-JUL-1994  
APPLICATION NUMBER: US 08/178,302  
FILING DATE: 30-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: SCR1452P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 152:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 729 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9..715  
US-08-899-575-152

Query Match 100.0%; Score 50; DB 2; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 50

Db 717 ATTAACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTAGGCC 668

RESULT 12  
US-08-899-575-168  
; Sequence 168, Application US/08899575  
; Patent No. 5804440  
GENERAL INFORMATION:  
; APPLICANT: Burton, Dennis R  
; APPLICANT: Bardos, Carlos F  
; APPLICANT: Lerner, Richard A  
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
; NUMBER OF SEQUENCES: 170  
CORRESPONDENCE ADDRESS:  
; ADDRESSEE: The Scripps Research Institute, Office of  
; ADDRESSEE: Patent Counsel  
; STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/899,575  
; FILING DATE: 24-JUL-1997  
CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/276,852  
; FILING DATE: 18-JUL-1994  
; APPLICATION NUMBER: US 08/178,302  
; FILING DATE: 30-SEP-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/954,148  
; FILING DATE: 30-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: SCR1452P  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-554-2937  
; TELEFAX: 619-554-6312  
; INFORMATION FOR SEQ ID NO: 168:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 729 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-899-575-168  
Query Match 100.0%; Score 50; DB 2; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 13 ATTAACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTAGGCC 62

RESULT 13  
PCT-US95-08743-152/c  
; Sequence 152, Application PC/TUS9508743  
GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS

NUMBER OF SEQUENCES: 170  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/08743  
; FILING DATE: 11-JUL-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/276,852  
; FILING DATE: 18-JUL-1994  
; INFORMATION FOR SEQ ID NO: 152:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 729 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 9..715  
PCT-US95-08743-152

Query Match 100.0%; Score 50; DB 6; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 717 ATTAACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTAGGCC 668

RESULT 14  
PCT-US95-08743-168  
; Sequence 168, Application PC/TUS9508743  
GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES  
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS  
; NUMBER OF SEQUENCES: 170  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/08743  
; FILING DATE: 11-JUL-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/276,852  
; FILING DATE: 18-JUL-1994  
; INFORMATION FOR SEQ ID NO: 168:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 729 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
PCT-US95-08743-168

Query Match 100.0%; Score 50; DB 6; Length 729;  
Best Local Similarity 100.0%; Pred. No. 9.9e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 13 ATTAACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTAGGCC 62

RESULT 15  
US-08-860-882A-29/c  
; Sequence 29, Application US/08860882A

Patent No. 5985281  
GENERAL INFORMATION:  
APPLICANT: TAYLORSON, CHRISTOPHER JOHN  
APPLICANT: EGGEITE, HENDRIKUS JOHANNES  
APPLICANT: TARRAGONA-PIOL, ANTONIO  
APPLICANT: RABIN, BRIAN ROBERT  
APPLICANT: BOYLE, FRANCIS THOMAS  
APPLICANT: HENNAM, JOHN FREDERICK  
APPLICANT: BLAKELY, DAVID CHARLES  
APPLICANT: MARSHAM, PETER ROBERT  
APPLICANT: HEATON, DAVID WILLIAM  
APPLICANT: DAVIES, DAVID HUM  
TITLE OF INVENTION: CHEMICAL COMPOUNDS  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PILLSBURY, MADISON & SUTRO  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/860,882A  
FILING DATE: JUNE 23, 1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: DONALD J. BIRD  
REGISTRATION NUMBER: 25,323  
REFERENCE/DOCKET NUMBER: 9901/238653  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3027  
TELEFAX: (202) 822-0944  
TELEX: 6174637 CUSH  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 732 BASE PAIRS  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-860-882A-29

Query Match 100.0%; Score 50; DB 2; Length 732;  
Best Local Similarity 100.0%; Pred. No. 1e-10;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGAAGTCAAGGCC 50  
DB 724 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGAAGTCAAGGCC 675

Search completed: February 12, 2006, 18:04:48  
Job time : 104.202 secs

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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:05:05 ; Search time 603.361 Seconds  
(without alignments)  
685.276 Million cell updates/sec

Title: US-10-006-591A-4

Perfect score: 50  
Sequence: 1 attacacatctctccctctgtg.....tgacggcggaactcagggccc 50

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA Main:\*

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBSCOMB.seq:\*
- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBSCOMB.seq:\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBSCOMB.seq:\*
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- 7: /cgn2\_6/ptodata/1/pubpna/US10C\_PUBSCOMB.seq:\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBSCOMB.seq:\*
- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBSCOMB.seq:\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBSCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	50	100.0	50	US-10-006-591-4	Sequence 4, Appl1
2	50	100.0	62	US-10-507-941-27	Sequence 27, Appl1
3	50	100.0	68	US-10-006-591-5	Sequence 5, Appl1
4	50	100.0	76	US-10-006-591-6	Sequence 6, Appl1
5	50	100.0	357	US-09-910-059-46	Sequence 46, Appl1
6	50	100.0	729	US-10-016-986-152	Sequence 152, App
7	50	100.0	729	US-10-016-986-168	Sequence 168, App
8	50	100.0	729	US-10-410-907A-1	Sequence 1, Appl1
9	50	100.0	1440	US-10-491-550A-19	Sequence 19, Appl1
10	50	100.0	1539	US-10-492-729-4	Sequence 4, Appl1
11	50	100.0	1539	US-10-492-729-12	Sequence 12, Appl1
12	50	100.0	2186	US-10-491-550A-13	Sequence 13, Appl1
13	50	100.0	2790	US-10-491-550A-11	Sequence 11, Appl1
14	50	100.0	2810	US-10-491-550A-15	Sequence 15, Appl1
15	48.4	96.8	645	US-10-916-758-17	Sequence 17, Appl1
16	48.4	96.8	648	US-10-916-758-19	Sequence 19, Appl1
17	48.4	96.8	651	US-10-916-758-11	Sequence 11, Appl1
18	48.4	96.8	651	US-10-916-758-15	Sequence 15, Appl1
19	48.4	96.8	654	US-10-916-758-21	Sequence 21, Appl1
20	48.4	96.8	724	US-09-237-061-1	Sequence 1, Appl1
21	48.4	96.8	1081	US-09-746-359A-20	Sequence 20, Appl1
22	48.4	96.8	1081	US-09-951-268-21	Sequence 21, Appl1
23	48.4	96.8	1081	US-09-745-792A-20	Sequence 20, Appl1

C 24	48.4	96.8	1081	6	US-10-424-658-20	Sequence 20, Appl1
C 25	48.4	96.8	1081	7	US-10-471-151-27	Sequence 27, Appl1
C 26	48.4	96.8	1081	9	US-10-994-116-65	Sequence 65, Appl1
C 27	48.4	96.8	1081	9	US-10-994-151-65	Sequence 65, Appl1
C 28	48.4	96.8	1434	10	US-11-013-537-46	Sequence 46, Appl1
C 29	48.4	96.8	2270	8	US-10-227-694-3	Sequence 3, Appl1
C 30	48.4	96.8	2700	8	US-10-754-212-1	Sequence 1, Appl1
C 31	48.4	96.8	3000	9	US-10-697-995-16	Sequence 16, Appl1
C 32	48.4	96.8	3000	9	US-10-697-995-19	Sequence 19, Appl1
C 33	48.4	96.8	3100	8	US-10-227-694-6	Sequence 6, Appl1
C 34	48.4	96.8	3100	8	US-10-754-212-4	Sequence 4, Appl1
C 35	48.4	96.8	3242	9	US-10-697-995-4	Sequence 4, Appl1
C 36	48.4	96.8	3255	9	US-10-697-995-10	Sequence 10, Appl1
C 37	48.4	96.8	3300	5	US-10-020-786-1	Sequence 1, Appl1
C 38	48.4	96.8	3300	5	US-10-020-786-2	Sequence 2, Appl1
C 39	48.4	96.8	3300	8	US-10-764-428-4	Sequence 4, Appl1
C 40	48.4	96.8	3300	8	US-10-764-428-6	Sequence 6, Appl1
C 41	48.4	96.8	3300	8	US-10-764-428-8	Sequence 8, Appl1
C 42	48.4	96.8	3300	8	US-10-764-428-10	Sequence 10, Appl1
C 43	48.4	96.8	3300	8	US-10-764-428-12	Sequence 12, Appl1
C 44	48.4	96.8	3300	8	US-10-764-428-20	Sequence 20, Appl1
C 45	48.4	96.8	3300	8	US-10-764-428-22	Sequence 22, Appl1

#### ALIGNMENTS

RESULT 1  
US-10-006-591-4  
; Sequence 4, Application US/10006591  
; Publication No. US20030049731A1  
; GENERAL INFORMATION:  
; APPLICANT: Bowdoin, Katherine S.  
; APPLICANT: Frederickson, Shana  
; APPLICANT: Lin, Ying-Chi  
; APPLICANT: Renshaw, Mark  
; APPLICANT: Wild, Martha  
; APPLICANT: McWhirter, John  
; TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES  
; FILE REFERENCE: 1087-3  
; CURRENT APPLICATION NUMBER: US/10/006,591  
; CURRENT FILING DATE: 2001-12-05  
; PRIOR APPLICATION NUMBER: 60/251,440  
; PRIOR FILING DATE: 2000-12-05  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 50  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-10-006-591-4  
Query Match 100.0%; Score 50; DB 5; Length 50;  
Best Local Similarity 100.0%; Pred. No. 2.2e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 1 ATTACACTCTCCCTTTGAAGCTTTTGAAGCGGCGAAGTCAAGGCC 50  
1 ATTACACTCTCCCTTTGAAGCTTTTGAAGCGGCGAAGTCAAGGCC 50  
RESULT 2  
US-10-507-941-27  
; Sequence 27, Application US/10507941  
; Publication No. US20050176933A1  
; GENERAL INFORMATION:  
; APPLICANT: CHEN, Zhinan  
; APPLICANT: XING, Jinliang  
; APPLICANT: ZHANG, Shih  
; TITLE OF INVENTION: VARIABLE REGION GENES OF HEAVY/LIGHT CHAIN OF ANTI-HUMAN HEPATOMA  
; TITLE OF INVENTION: MONOCLONAL ANTIBODY HAB18 AND USE THEREOF

```
FILE REFERENCE: 264.1001
CURRENT APPLICATION NUMBER: US/10/507,941
CURRENT FILING DATE: 2004-09-15
PRIORITY FILING DATE: 2002-03-15
PRIORITY FILING DATE: 2002-03-15
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.3
SEQ ID NO 27
LENGTH: 62
TYPE: DNA
ORGANISM: Mouse
US-10-507-941-27

Query Match          100.0%; Score 50; DB 9; Length 62;
Best Local Similarity 100.0%; Pred. No. 2,4e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 50
    |||
Db 13 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 62

RESULT 3
US-10-006-591-5/c
Sequence 5, Application US/10006591
Publication No. US20030049731A1
GENERAL INFORMATION:
APPLICANT: Bowdish, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Renshaw, Mark
APPLICANT: Wild, Martha
APPLICANT: McWhirter, John
TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIORITY FILING DATE: 2001-12-05
PRIORITY FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 68
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
NAME/KEY: misc feature
LOCATION: (2)-(2)
OTHER INFORMATION: n is a or g
US-10-006-591-5

Query Match          100.0%; Score 50; DB 5; Length 68;
Best Local Similarity 100.0%; Pred. No. 2,4e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 50
    |||
Db 67 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 18

RESULT 4
US-10-006-591-6
Sequence 6, Application US/10006591
Publication No. US20030049731A1
GENERAL INFORMATION:
APPLICANT: Bowdish, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Renshaw, Mark
APPLICANT: Wild, Martha
APPLICANT: McWhirter, John

TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIORITY FILING DATE: 2001-12-05
PRIORITY FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 76
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
NAME/KEY: misc feature
LOCATION: (71)-(71)
OTHER INFORMATION: n is c or t
US-10-006-591-6

Query Match          100.0%; Score 50; DB 5; Length 76;
Best Local Similarity 100.0%; Pred. No. 2,5e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 50
    |||
Db 6 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 55

RESULT 5
US-09-910-059-46/c
Sequence 46, Application US/09910059
Patent No. US20020142359A1
GENERAL INFORMATION:
APPLICANT: Copley, Clive G
APPLICANT: Edge, Michael Derek
APPLICANT: Emery, Stephen Charles
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said Antibody,
TITLE OF INVENTION: Their Therapeutic use in an Adept System
FILE REFERENCE: 1991-209
CURRENT APPLICATION NUMBER: US/09/910,059
CURRENT FILING DATE: 2001-07-23
PRIORITY FILING DATE: 1998-10-29
PRIORITY FILING DATE: 1998-10-29
PRIORITY FILING DATE: 1997-04-29
PRIORITY FILING DATE: 1997-04-29
PRIORITY FILING DATE: 1997-02-14
PRIORITY FILING DATE: 1996-05-04
NUMBER OF SEQ ID NOS: 131
SOFTWARE: PatentIn version 3.1
SEQ ID NO 46
LENGTH: 357
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: human light chain kappa constant region insert
US-09-910-059-46

Query Match          100.0%; Score 50; DB 3; Length 357;
Best Local Similarity 100.0%; Pred. No. 3,6e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 50
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Db 343 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGGAAGTCAAGGCC 294

RESULT 6
US-10-016-986-152/c
Sequence 152, Application US/10016986
Publication No. US20030187247A1
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GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos P
APPLICANT: Lemmer, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
FILE REFERENCE: 313.2CON1
CURRENT APPLICATION NUMBER: US/10/016,986
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 09/149,898
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: US 08/899,575
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR FILING DATE: 1994-07-18
PRIOR APPLICATION NUMBER: US 08/178,302
PRIOR FILING DATE: 1994-01-06
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR FILING DATE: 1993-09-30
PRIOR APPLICATION NUMBER: US 07/954,148
PRIOR FILING DATE: 1992-09-30
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 152
LENGTH: 729
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(716)
US-10-016-986-152

```

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Query Match          100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 4.2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      1 ATTAACACTCTCCCTGTGAGCTCTTTGTGACGGCGGAACCTCAGGCC 50
DB      717 ATTAACACTCTCCCTGTGAGCTCTTTGTGACGGCGGAACCTCAGGCC 668

```

```

RESULT 7
US-10-016-986-168
Sequence 168, Application US/10016986
Publication No. US20030187247A1
GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos P
APPLICANT: Lemmer, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
FILE REFERENCE: 313.2CON1
CURRENT APPLICATION NUMBER: US/10/016,986
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 09/149,898
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: US 08/899,575
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR FILING DATE: 1994-07-18
PRIOR APPLICATION NUMBER: US 08/178,302
PRIOR FILING DATE: 1994-01-06
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR FILING DATE: 1993-09-30
PRIOR APPLICATION NUMBER: US 07/954,148
PRIOR FILING DATE: 1992-09-30
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 168
LENGTH: 729
TYPE: DNA

```

```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized
US-10-016-986-168

```

```

Query Match          100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 4.2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 ATTAACACTCTCCCTGTGAGCTCTTTGTGACGGCGGAACCTCAGGCC 50
DB      13 ATTAACACTCTCCCTGTGAGCTCTTTGTGACGGCGGAACCTCAGGCC 62

```

```

RESULT 8
US-10-410-907A-1/c
Sequence 1, Application US/10410907A
Publication No. US20030215880A1
GENERAL INFORMATION:
APPLICANT: Dennis R. Burton
APPLICANT: R. Anthony Williamson
APPLICANT: Gianluca Moroncini
TITLE OF INVENTION: MOTIF-GRAFTED HYBRID POLYPEPTIDES AND
FILE REFERENCE: 22908-1229
CURRENT APPLICATION NUMBER: US/10/410,907A
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/371,610
PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 729
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(715)
OTHER INFORMATION: 19G Fab b12- Light Chain
US-10-410-907A-1

```

```

Query Match          100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 4.2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 ATTAACACTCTCCCTGTGAGCTCTTTGTGACGGCGGAACCTCAGGCC 50
DB      717 ATTAACACTCTCCCTGTGAGCTCTTTGTGACGGCGGAACCTCAGGCC 668

```

```

RESULT 9
US-10-491-550A-19/c
Sequence 19, Application US/10491550A
Publication No. US20050130124A1
GENERAL INFORMATION:
APPLICANT: Cengage Corporation
TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION NUMBER: US/10/491,550A
CURRENT FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19
LENGTH: 1440
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PMAB103
US-10-491-550A-19

```

Query Match 100.0%; Score 50; DB 9; Length 1440;  
Best Local Similarity 100.0%; Pred. No. 5e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50  
Db 662 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 613

## RESULT 10

US-10-492-729-4/c  
Sequence 4, Application US/10492729  
Publication No. US20040259075A1  
GENERAL INFORMATION:  
APPLICANT: Dimitrov, Dimitar S  
APPLICANT: Moulard, Maxime  
APPLICANT: Xiao, Xiadong  
APPLICANT: Shu, Yunei  
APPLICANT: Phogat, Sanjay K  
APPLICANT: Zhang, Mel-Yun  
APPLICANT: Burton, Dennis  
TITLE OF INVENTION: BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN  
FILE REFERENCE: 227062  
CURRENT APPLICATION NUMBER: US/10/492,729  
PRIOR FILING DATE: 2004-04-15  
PRIOR APPLICATION NUMBER: PCT/US02/33165  
PRIOR FILING DATE: 2002-10-16  
PRIOR APPLICATION NUMBER: 60/329,709  
PRIOR FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 4  
LENGTH: 1539  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-492-729-4

Query Match 100.0%; Score 50; DB 8; Length 1539;  
Best Local Similarity 100.0%; Pred. No. 5e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50  
Db 715 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 666

## RESULT 11

US-10-492-729-12/c  
Sequence 12, Application US/10492729  
Publication No. US20040259075A1  
GENERAL INFORMATION:  
APPLICANT: Dimitrov, Dimitar S  
APPLICANT: Moulard, Maxime  
APPLICANT: Xiao, Xiadong  
APPLICANT: Shu, Yunei  
APPLICANT: Phogat, Sanjay K  
APPLICANT: Zhang, Mel-Yun  
APPLICANT: Burton, Dennis  
TITLE OF INVENTION: BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN  
FILE REFERENCE: 227062  
CURRENT APPLICATION NUMBER: US/10/492,729  
PRIOR FILING DATE: 2004-04-15  
PRIOR APPLICATION NUMBER: PCT/US02/33165  
PRIOR FILING DATE: 2002-10-16  
PRIOR APPLICATION NUMBER: 60/329,709  
PRIOR FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: PatentIn version 3.2

SEQ ID NO 12  
LENGTH: 1539  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-492-729-12

Query Match 100.0%; Score 50; DB 8; Length 1539;  
Best Local Similarity 100.0%; Pred. No. 5e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50  
Db 715 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 666

## RESULT 12

US-10-491-550A-13/c  
Sequence 13, Application US/10491550A  
Publication No. US20050130124A1  
GENERAL INFORMATION:  
APPLICANT: Cangene Corporation  
TITLE OF INVENTION: Phagemid Display System  
FILE REFERENCE: 85128-903  
CURRENT APPLICATION NUMBER: US/10/491,550A  
PRIOR FILING DATE: 2004-04-02  
PRIOR APPLICATION NUMBER: US 60/326984  
PRIOR FILING DATE: 2001-10-05  
PRIOR APPLICATION NUMBER: US 60/332531  
PRIOR FILING DATE: 2001-11-26  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 13  
LENGTH: 2186  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: PMAB66  
US-10-491-550A-13

Query Match 100.0%; Score 50; DB 9; Length 2186;  
Best Local Similarity 100.0%; Pred. No. 5.5e-11;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50  
Db 745 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 696

## RESULT 13

US-10-491-550A-11/c  
Sequence 11, Application US/10491550A  
Publication No. US20050130124A1  
GENERAL INFORMATION:  
APPLICANT: Cangene Corporation  
TITLE OF INVENTION: Phagemid Display System  
FILE REFERENCE: 85128-903  
CURRENT APPLICATION NUMBER: US/10/491,550A  
PRIOR FILING DATE: 2004-04-02  
PRIOR APPLICATION NUMBER: US 60/326984  
PRIOR FILING DATE: 2001-10-05  
PRIOR APPLICATION NUMBER: US 60/332531  
PRIOR FILING DATE: 2001-11-26  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 11  
LENGTH: 2790  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: PMAB29  
US-10-491-550A-11



Query Match 100.0%; Score 50; DB 9; Length 2790;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-11;  
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGAAGCTCAGGCC 50  
 DB 745 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGAAGCTCAGGCC 696

RESULT 14  
 US-10-491-550A-15/c  
 ; Sequence 15, Application US/10491550A  
 ; Publication No. US20050130124A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cargene Corporation  
 ; TITLE OF INVENTION: Phagemid Display System  
 ; FILE REFERENCE: 85128-903  
 ; CURRENT APPLICATION NUMBER: US/10/491,550A  
 ; CURRENT FILING DATE: 2004-04-02  
 ; PRIOR APPLICATION NUMBER: US 60/326984  
 ; PRIOR FILING DATE: 2001-10-05  
 ; PRIOR APPLICATION NUMBER: US 60/332531  
 ; PRIOR FILING DATE: 2001-11-26  
 ; NUMBER OF SEQ ID NOS: 20  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 15  
 ; LENGTH: 2810  
 ; TYPE: DNA  
 ; ORGANISM: Artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: PMAB77  
 US-10-491-550A-15

Query Match 100.0%; Score 50; DB 9; Length 2810;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-11;  
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGAAGCTCAGGCC 50  
 DB 745 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGAAGCTCAGGCC 696

RESULT 15  
 US-10-916-758-17/c  
 ; Sequence 17, Application US/10916758  
 ; Publication No. US20050180977A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Nikon, Andrew  
 ; APPLICANT: Madison, Edwin L.  
 ; TITLE OF INVENTION: ENDOTHELINASE-2 LIGANDS  
 ; FILE REFERENCE: 10280-065001  
 ; CURRENT APPLICATION NUMBER: US/10/916,758  
 ; CURRENT FILING DATE: 2004-08-12  
 ; PRIOR APPLICATION NUMBER: US 60/520,164  
 ; PRIOR FILING DATE: 2003-11-14  
 ; PRIOR APPLICATION NUMBER: US 60/495,005  
 ; PRIOR FILING DATE: 2003-08-14  
 ; NUMBER OF SEQ ID NOS: 113  
 ; SOFTWARE: FASTSEQ for Windows Version 4.0  
 ; SEQ ID NO 17  
 ; LENGTH: 645  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetically generated oligonucleotide  
 US-10-916-758-17

Query Match 96.8%; Score 48.4; DB 9; Length 645;  
 Best Local Similarity 98.0%; Pred. No. 2e-10;  
 Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGAAGCTCAGGCC 50

DB 643 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGGAAGCTCAGGCC 594

Search completed: February 12, 2006, 18:36:51  
 Job time : 604.361 secs

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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 ; Search time 348.74 Seconds  
(without alignments)  
128.916 Million cell updates/sec

Title: US-10-006-591a-4

Perfect score: 50

Sequence: 1 attaacactctccctctgctg.....tgacggcggaactcagggcc 50

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Gapop 10.0 , Gapext 1.0

Searched: 6240305 seqs, 449581930 residues

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Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Published Applications NA New:  
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12: /cgn2\_6/ptodata/1/pubnna/US60\_NEW\_PUB\_seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	48.4	96.8	660	11	US-11-049-536-702
2	47.4	94.8	1101	11	US-11-075-351-37
3	47.4	94.8	1125	11	US-11-075-351-41
4	47.4	94.8	1236	11	US-11-075-351-46
5	47.4	94.8	1720	11	US-11-054-669-108
6	47.4	94.8	5391	6	US-10-981-356A-44
7	47.4	94.8	5391	11	US-11-096-046-44
8	47.4	94.8	5391	11	US-11-106-820-21
9	47.4	94.8	5391	11	US-11-190-364-19
10	47.4	94.8	5678	11	US-11-106-820-18
11	47.4	94.8	5678	11	US-11-106-820-17
12	47.4	94.8	5678	11	US-11-150-364-16
13	47.4	94.8	5679	11	US-11-106-820-13
14	47.4	94.8	5679	11	US-11-106-820-14
15	47.4	94.8	5679	11	US-11-190-364-13
16	46.8	93.6	714	11	US-11-128-900-62
17	46.4	92.8	321	11	US-11-165-141-16
18	46.4	92.8	427	11	US-11-000-688-56
19	46.4	92.8	446	11	US-11-024-251-12
20	46.4	92.8	455	11	US-11-024-251-13
21	46.4	92.8	481	11	US-11-000-688-50

c 22	46.4	92.8	600	11	US-11-136-527-7222	Sequence 7222, App
c 23	46.4	92.8	642	11	US-11-158-505-76	Sequence 76, App
c 24	46.4	92.8	702	11	US-11-128-900-41	Sequence 41, App
c 25	46.4	92.8	702	11	US-11-128-900-58	Sequence 58, App
c 26	46.4	92.8	705	11	US-11-128-900-43	Sequence 43, App
c 27	46.4	92.8	705	11	US-11-128-900-60	Sequence 60, App
c 28	46.4	92.8	708	11	US-11-128-900-40	Sequence 40, App
c 29	46.4	92.8	708	11	US-11-128-900-56	Sequence 56, App
c 30	46.4	92.8	711	11	US-11-041-095-2	Sequence 2, App
c 31	46.4	92.8	717	11	US-11-158-505-2	Sequence 2, App
c 32	46.4	92.8	717	11	US-11-158-505-10	Sequence 10, App
c 33	46.4	92.8	717	11	US-11-158-505-18	Sequence 18, App
c 34	46.4	92.8	717	11	US-11-158-505-26	Sequence 26, App
c 35	46.4	92.8	717	11	US-11-158-505-73	Sequence 73, App
c 36	46.4	92.8	953	11	US-11-091-883-225	Sequence 225, App
c 37	46.4	92.8	956	11	US-11-136-527-3126	Sequence 3126, App
c 38	46.4	92.8	1244	11	US-11-091-883-52	Sequence 52, App
c 39	46.4	92.8	1404	11	US-11-000-463-663	Sequence 663, App
c 40	46.4	92.8	1450	11	US-11-000-463-568	Sequence 568, App
c 41	46.4	92.8	1450	11	US-11-000-463-569	Sequence 569, App
c 42	46.4	92.8	1450	11	US-11-000-463-570	Sequence 570, App
c 43	46.4	92.8	1450	11	US-11-000-463-571	Sequence 571, App
c 44	46.4	92.8	1458	11	US-11-000-463-191	Sequence 191, App
c 45	46.4	92.8	1710	11	US-11-000-463-99	Sequence 99, App

#### ALIGNMENTS

RESULT 1  
US-11-049-536-702/c  
; Sequence 702, Application US/11049536  
; Publication No. US20060024297A1  
; GENERAL INFORMATION:  
; APPLICANT: Wood, Clive R.  
; APPLICANT: Dransfield, Daniel T.  
; APPLICANT: Pleters, Henk  
; APPLICANT: Hoet, Rene  
; APPLICANT: Hulston, Simon E.  
; TITLE OF INVENTION: THE COMPLEX BINDING PROTEINS  
; FILE REFERENCE: 10280-128001  
; CURRENT APPLICATION NUMBER: US/11/049,536  
; CURRENT FILING DATE: 2005-02-02  
; PRIOR APPLICATION NUMBER: US 10/916,840  
; PRIOR FILING DATE: 2004-08-12  
; PRIOR APPLICATION NUMBER: US 60/494,713  
; PRIOR FILING DATE: 2003-08-12  
; NUMBER OF SEQ ID NOS: 721  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 702  
; LENGTH: 660  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antibody  
US-11-049-536-702  
Query Match 96.8%; Score 48.4; DB 11; Length 660;  
Best Local Similarity 99.0%; Pred. No. 3.4e-10;  
Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
CY 1 ATTAACTCTCCCTCTGTAAGCTCTTGTGACGGCGCACTAGAGCC 50  
DB 658 ATTAACTCTCCCTCTGTAAGCTCTTGTGACGGCGCACTAGAGCC 609  
RESULT 2  
US-11-075-351-37/c  
; Sequence 37, Application US/11075351  
; Publication No. US20050260716A1  
; GENERAL INFORMATION:  
; APPLICANT: Moore, Margaret D.  
; APPLICANT: Fox, Brian A.

;; TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS  
;; TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM  
;; FILE REFERENCE: 02-16  
;; CURRENT APPLICATION NUMBER: US/11/075,351  
;; CURRENT FILING DATE: 2005-03-08  
;; NUMBER OF SEQ ID NOS: 63  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 37  
;; LENGTH: 1101  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: DNA encoding fusion protein  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (1)...(1101)  
US-11-075-351-37

Query Match 94.8%; Score 47.4; DB 11; Length 1101;  
Best Local Similarity 98.0%; Pred. No. 9.7e-10;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50  
Db 1101 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 1053

RESULT 3  
US-11-075-351-41/c  
;; Sequence 41, Application US/11075351  
;; Publication No. US20050260716A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Moore, Margaret D.  
;; TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS  
;; TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM  
;; FILE REFERENCE: 02-16  
;; CURRENT APPLICATION NUMBER: US/11/075,351  
;; CURRENT FILING DATE: 2005-03-08  
;; NUMBER OF SEQ ID NOS: 63  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 41  
;; LENGTH: 1125  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: DNA encoding fusion protein  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (1)...(1125)  
US-11-075-351-41

Query Match 94.8%; Score 47.4; DB 11; Length 1125;  
Best Local Similarity 98.0%; Pred. No. 9.7e-10;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50  
Db 1125 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 1077

RESULT 4  
US-11-075-351-46/c  
;; Sequence 46, Application US/11075351  
;; Publication No. US20050260716A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Moore, Margaret D.  
;; TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS  
;; TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM  
;; FILE REFERENCE: 02-16  
;; CURRENT APPLICATION NUMBER: US/11/075,351  
;; CURRENT FILING DATE: 2005-03-08

;; NUMBER OF SEQ ID NOS: 63  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 46  
;; LENGTH: 1236  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: DNA encoding fusion protein  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (1)...(1236)  
US-11-075-351-46

Query Match 94.8%; Score 47.4; DB 11; Length 1236;  
Best Local Similarity 98.0%; Pred. No. 1e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50  
Db 1236 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 1188

RESULT 5  
US-11-054-669-108/c  
;; Sequence 108, Application US/11054669  
;; Publication No. US20050261480A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Foote, Jefferson  
;; TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES  
;; FILE REFERENCE: 30219/US/3  
;; CURRENT APPLICATION NUMBER: US/11/054,669  
;; CURRENT FILING DATE: 2005-02-08  
;; PRIOR APPLICATION NUMBER: US 10/194,975  
;; PRIOR FILING DATE: 2002-07-12  
;; PRIOR APPLICATION NUMBER: US 60/305,111  
;; PRIOR FILING DATE: 2001-07-12  
;; NUMBER OF SEQ ID NOS: 124  
;; SOFTWARE: PatentIn version 3.3  
;; SEQ ID NO 108  
;; LENGTH: 1720  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (119)..(829)  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (914)..(1663)  
US-11-054-669-108

Query Match 94.8%; Score 47.4; DB 11; Length 1720;  
Best Local Similarity 98.0%; Pred. No. 1.1e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50  
Db 832 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 784

RESULT 6  
US-10-981-356A-44/c  
;; Sequence 44, Application US/10981356A  
;; Publication No. US20060015952A1  
;; GENERAL INFORMATION:  
;; APPLICANT: PIVVAROFF, ELLEN H.  
;; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT  
;; FILE REFERENCE: P2068R1  
;; CURRENT APPLICATION NUMBER: US/10/981,356A  
;; CURRENT FILING DATE: 2004-11-04  
;; PRIOR APPLICATION NUMBER: US 60/520,398  
;; PRIOR FILING DATE: 2003-11-13  
;; PRIOR APPLICATION NUMBER: US 60/557,951  
;; PRIOR FILING DATE: 2004-03-31

NUMBER OF SEQ ID NOS: 45  
SEQ ID NO 44  
LENGTH: 5391  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Sequence is synthesized  
US-10-981-356A-44

Query Match 94.8%; Score 47.4; DB 11; Length 5391;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50  
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 7  
US-11-096-046-44/c

Sequence 44, Application US/11096046  
Publication No. US20050276802A1  
GENERAL INFORMATION:  
APPLICANT: ADAMS, CAMELIA W.  
APPLICANT: FERRARA, NAPOLEONE  
APPLICANT: FILVAROFF, ELLEN H.  
APPLICANT: MAO, WEIGUANG  
APPLICANT: PRESTA, LEONARD G.  
TITLE OF INVENTION: Humanized Anti-TGF-Beta Antibodies  
FILE REFERENCE: P1954RIUS  
CURRENT APPLICATION NUMBER: US/11/096,046  
CURRENT FILING DATE: 2005-03-31  
PRIOR APPLICATION NUMBER: US 60/556,290  
PRIOR FILING DATE: 2004-03-31  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 44  
LENGTH: 5391  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: sequence is synthesized  
US-11-096-046-44

Query Match 94.8%; Score 47.4; DB 11; Length 5391;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50  
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 8

US-11-106-820-21/c  
Sequence 21, Application US/11106820  
Publication No. US2006002930A1  
GENERAL INFORMATION:  
APPLICANT: BRUNETTA, PAUL G.  
APPLICANT: SEWELL, KATHRYN L.  
TITLE OF INVENTION: Treatment of Disorders  
FILE REFERENCE: P2102R1  
CURRENT APPLICATION NUMBER: US/11/106,820  
CURRENT FILING DATE: 2005-04-15  
PRIOR APPLICATION NUMBER: US 60/563,227  
PRIOR FILING DATE: 2004-04-16  
PRIOR APPLICATION NUMBER: US 60/565,098  
PRIOR FILING DATE: 2004-04-22  
NUMBER OF SEQ ID NOS: 45  
SEQ ID NO 21  
LENGTH: 5391  
TYPE: DNA  
ORGANISM: Homo sapiens

US-11-106-820-21

Query Match 94.8%; Score 47.4; DB 11; Length 5391;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50  
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 9  
US-11-190-364-19/c

Sequence 19, Application US/11190364  
Publication No. US20060024300A1  
GENERAL INFORMATION:  
APPLICANT: Adams ET AL.  
TITLE OF INVENTION: Immunoglobulin Variants and Uses Thereof  
FILE REFERENCE: P1990R3C1P1  
CURRENT APPLICATION NUMBER: US/11/190,364  
CURRENT FILING DATE: 2005-07-26  
PRIOR APPLICATION NUMBER: US 60/434,115  
PRIOR FILING DATE: 2002-12-16  
PRIOR APPLICATION NUMBER: US 60/526,163  
PRIOR FILING DATE: 2003-12-01  
PRIOR APPLICATION NUMBER: PCT/US03/40426  
PRIOR FILING DATE: 2003-12-16  
PRIOR APPLICATION NUMBER: US 11/147,780  
PRIOR FILING DATE: 2005-06-07  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 19  
LENGTH: 5391  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Sequence is synthesized  
US-11-190-364-19

Query Match 94.8%; Score 47.4; DB 11; Length 5391;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50  
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 10

US-11-106-820-17/c  
Sequence 17, Application US/11106820  
Publication No. US2006002930A1  
GENERAL INFORMATION:  
APPLICANT: BRUNETTA, PAUL G.  
APPLICANT: SEWELL, KATHRYN L.  
TITLE OF INVENTION: Treatment of Disorders  
FILE REFERENCE: P2102R1  
CURRENT APPLICATION NUMBER: US/11/106,820  
CURRENT FILING DATE: 2005-04-15  
PRIOR APPLICATION NUMBER: US 60/563,227  
PRIOR FILING DATE: 2004-04-16  
PRIOR APPLICATION NUMBER: US 60/565,098  
PRIOR FILING DATE: 2004-04-22  
NUMBER OF SEQ ID NOS: 45  
SEQ ID NO 17  
LENGTH: 5678  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: sequence is synthesized  
US-11-106-820-17

Query Match 94.8%; Score 47.4; DB 11; Length 5678;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;

Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 1148 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1100

RESULT 11  
US-11-106-820-18  
; Sequence 18, Application US/11106820  
; Publication No. US2006002930A1  
; GENERAL INFORMATION:  
; APPLICANT: BRUNETTA, PAUL G  
; APPLICANT: SEWELL, KATHRYN L.  
; TITLE OF INVENTION: Treatment of Disorders  
; FILE REFERENCE: P2102R1  
; CURRENT APPLICATION NUMBER: US/11/106,820  
; CURRENT FILING DATE: 2005-04-15  
; PRIOR APPLICATION NUMBER: US 60/563,227  
; PRIOR FILING DATE: 2004-04-16  
; PRIOR APPLICATION NUMBER: US 60/565,098  
; PRIOR FILING DATE: 2004-04-22  
; NUMBER OF SEQ ID NOS: 45  
; SEQ ID NO 18  
; LENGTH: 5678  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence is synthesized  
US-11-106-820-18

Query Match 94.8%; Score 47.4; DB 11; Length 5678;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 4531 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 4579

RESULT 12  
US-11-190-364-16/c  
; Sequence 16, Application US/11190364  
; Publication No. US20060024300A1  
; GENERAL INFORMATION:  
; APPLICANT: Adams ET AL.  
; TITLE OF INVENTION: Immunoglobulin Variants and Uses Thereof  
; FILE REFERENCE: P1990R3C1P1  
; CURRENT APPLICATION NUMBER: US/11/190,364  
; CURRENT FILING DATE: 2005-07-26  
; PRIOR APPLICATION NUMBER: US 60/434,115  
; PRIOR FILING DATE: 2002-12-16  
; PRIOR APPLICATION NUMBER: US 60/526,163  
; PRIOR FILING DATE: 2003-12-01  
; PRIOR APPLICATION NUMBER: PCT/US03/40426  
; PRIOR FILING DATE: 2003-12-16  
; PRIOR APPLICATION NUMBER: US 11/147,780  
; PRIOR FILING DATE: 2005-06-07  
; NUMBER OF SEQ ID NOS: 38  
; SEQ ID NO 16  
; LENGTH: 5678  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Sequence is chimeric  
US-11-190-364-16

Query Match 94.8%; Score 47.4; DB 11; Length 5678;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 1148 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1100

Db 1148 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1100

RESULT 13  
US-11-106-820-13/c  
; Sequence 13, Application US/11106820  
; Publication No. US2006002930A1  
; GENERAL INFORMATION:  
; APPLICANT: BRUNETTA, PAUL G  
; APPLICANT: SEWELL, KATHRYN L.  
; TITLE OF INVENTION: Treatment of Disorders  
; FILE REFERENCE: P2102R1  
; CURRENT APPLICATION NUMBER: US/11/106,820  
; CURRENT FILING DATE: 2005-04-15  
; PRIOR APPLICATION NUMBER: US 60/563,227  
; PRIOR FILING DATE: 2004-04-16  
; PRIOR APPLICATION NUMBER: US 60/565,098  
; PRIOR FILING DATE: 2004-04-22  
; NUMBER OF SEQ ID NOS: 45  
; SEQ ID NO 13  
; LENGTH: 5679  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence is synthesized  
US-11-106-820-13

Query Match 94.8%; Score 47.4; DB 11; Length 5679;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 1164 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1116

RESULT 14  
US-11-106-820-14  
; Sequence 14, Application US/11106820  
; Publication No. US2006002930A1  
; GENERAL INFORMATION:  
; APPLICANT: BRUNETTA, PAUL G  
; APPLICANT: SEWELL, KATHRYN L.  
; TITLE OF INVENTION: Treatment of Disorders  
; FILE REFERENCE: P2102R1  
; CURRENT APPLICATION NUMBER: US/11/106,820  
; CURRENT FILING DATE: 2005-04-15  
; PRIOR APPLICATION NUMBER: US 60/563,227  
; PRIOR FILING DATE: 2004-04-16  
; PRIOR APPLICATION NUMBER: US 60/565,098  
; PRIOR FILING DATE: 2004-04-22  
; NUMBER OF SEQ ID NOS: 45  
; SEQ ID NO 14  
; LENGTH: 5679  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence is synthesized  
US-11-106-820-14

Query Match 94.8%; Score 47.4; DB 11; Length 5679;  
Best Local Similarity 98.0%; Pred. No. 1.4e-09;  
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50  
Db 4516 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 4564

RESULT 15  
US-11-190-364-13/c  
; Sequence 13, Application US/11190364  
; Publication No. US20060024300A1

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/ GENERAL INFORMATION:
/ APPLICANT: Adams ET AL.
/ TITLE OF INVENTION: Immunoglobulin Variants and Uses Thereof
/ FILE REFERENCE: P190R3CIPI
/ CURRENT APPLICATION NUMBER: US/11/190,364
/ CURRENT FILING DATE: 2005-07-26
/ PRIOR APPLICATION NUMBER: US 60/434,115
/ PRIOR FILING DATE: 2002-12-16
/ PRIOR APPLICATION NUMBER: US 60/526,163
/ PRIOR FILING DATE: 2003-12-01
/ PRIOR APPLICATION NUMBER: PCT/US03/40426
/ PRIOR FILING DATE: 2003-12-16
/ PRIOR APPLICATION NUMBER: US 11/147,780
/ PRIOR FILING DATE: 2005-06-07
/ NUMBER OF SEQ ID NOS: 38
/ SEQ ID NO 13
/ LENGTH: 5679
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Sequence is synthesized
US-11-190-364-13

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Query Match          94.8%; Score 47.4; DB 11; Length 5679;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY      2  TTAACTCTCCCTGTTGAAGCTCTTGTGACGCGCGAAGCTCAAGGCC 50
Db      1164 TTAACTCTCCCTGTTGAAGCTCTTGTGACGCGCGAAGCTCAAGGCC 1116

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OM nucleic - nucleic search, using sw model

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Title: US-10-006-591a-8

Perfect score: 33  
Sequence: 1 ttgtcacagatttgagctctgtctctgtc 33

Scoring table: IDENTITY NUC  
Gapop 10.0, Gapext 1.0

Searched: 6240305 seqs, 449581930 residues

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Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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12: /cgn2\_6/ptodaca/1/pubpna/US60\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	33	100.0	987	7	US-10-997-201A-3 Sequence 3, Appl1
2	33	100.0	1431	11	US-11-139-499-3 Sequence 3, Appl1
3	33	100.0	1431	11	US-11-139-499-11 Sequence 11, Appl1
4	33	100.0	1437	11	US-11-139-499-7 Sequence 7, Appl1
5	29.8	90.3	990	6	US-10-886-383-5 Sequence 5, Appl1
6	29.8	90.3	990	11	US-11-165-141-14 Sequence 14, Appl1
7	29.8	90.3	993	6	US-10-493-909-19 Sequence 19, Appl1
8	29.8	90.3	1000	11	US-11-092-988-53 Sequence 53, Appl1
9	29.8	90.3	1312	11	US-11-128-061-18 Sequence 18, Appl1
10	29.8	90.3	1312	11	US-11-128-061-3660 Sequence 3660, Appl1
11	29.8	90.3	1312	11	US-11-128-049-18 Sequence 18, Appl1
12	29.8	90.3	1312	11	US-11-128-049-3660 Sequence 3660, Appl1
13	29.8	90.3	1341	6	US-10-981-356A-31 Sequence 31, Appl1
14	29.8	90.3	1341	6	US-10-981-356A-33 Sequence 33, Appl1
15	29.8	90.3	1341	6	US-10-981-356A-37 Sequence 37, Appl1
16	29.8	90.3	1341	6	US-10-981-356A-35 Sequence 35, Appl1
17	29.8	90.3	1341	11	US-11-096-046-31 Sequence 31, Appl1
18	29.8	90.3	1341	11	US-11-096-046-33 Sequence 33, Appl1
19	29.8	90.3	1341	11	US-11-096-046-35 Sequence 35, Appl1
20	29.8	90.3	1341	11	US-11-096-046-37 Sequence 37, Appl1
21	29.8	90.3	1353	11	US-11-049-536-703 Sequence 703, Appl1

22	29.8	90.3	1356	11	US-11-158-505-75 Sequence 75, Appl1
23	29.8	90.3	1380	11	US-11-080-587-5 Sequence 5, Appl1
24	29.8	90.3	1392	9	US-11-172-320-7 Sequence 7, Appl1
25	29.8	90.3	1392	11	US-11-173-869-7 Sequence 7, Appl1
26	29.8	90.3	1398	6	US-10-981-356A-32 Sequence 32, Appl1
27	29.8	90.3	1398	6	US-10-981-356A-36 Sequence 36, Appl1
28	29.8	90.3	1398	6	US-10-981-356A-32 Sequence 32, Appl1
29	29.8	90.3	1398	11	US-11-096-046-32 Sequence 32, Appl1
30	29.8	90.3	1398	11	US-11-096-046-36 Sequence 36, Appl1
31	29.8	90.3	1398	11	US-11-096-046-38 Sequence 38, Appl1
32	29.8	90.3	1400	6	US-10-981-356A-34 Sequence 34, Appl1
33	29.8	90.3	1400	11	US-11-096-046-34 Sequence 34, Appl1
34	29.8	90.3	1400	11	US-11-128-049-3650 Sequence 3650, Appl1
35	29.8	90.3	1400	11	US-11-128-049-3650 Sequence 3650, Appl1
36	29.8	90.3	1404	11	US-11-158-505-6 Sequence 6, Appl1
37	29.8	90.3	1404	11	US-11-158-505-14 Sequence 14, Appl1
38	29.8	90.3	1404	11	US-11-158-505-22 Sequence 22, Appl1
39	29.8	90.3	1404	11	US-11-158-505-30 Sequence 30, Appl1
40	29.8	90.3	1404	11	US-11-158-505-71 Sequence 71, Appl1
41	29.8	90.3	1407	11	US-11-128-061-8 Sequence 8, Appl1
42	29.8	90.3	1407	11	US-11-128-049-8 Sequence 8, Appl1
43	29.8	90.3	1720	11	US-11-054-669-108 Sequence 108, Appl1
44	29.8	90.3	1796	6	US-10-016-686-8 Sequence 8, Appl1
45	29.8	90.3	2912	11	US-11-000-463-520 Sequence 520, Appl1

#### ALIGNMENTS

RESULT 1  
US-10-997-201A-3/c  
; Sequence 3, Application US/10997201A  
; Publication No. US20050249739A1  
; GENERAL INFORMATION:  
; APPLICANT: Marasco, Wayne  
; TITLE OF INVENTION: Anticodons Against SARS-COV and Methods of Use Thereof  
; FILE REFERENCE: 20363-026  
; CURRENT FILING DATE: 2004-11-24  
; PRIOR APPLICATION NUMBER: 60/524,840  
; PRIOR FILING DATE: 2003-11-25  
; NUMBER OF SEQ ID NOS: 40  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 987  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-10-997-201A-3

Query Match 100.0%; Score 33; DB 7; Length 987;  
Best Local Similarity 100.0%; Pred. No. 6.2e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTGTCAAGATTGGGCTCTGCTTCTGTC 33  
DB 312 TTTGTCAAGATTGGGCTCTGCTTCTGTC 280

RESULT 2  
US-11-139-499-3/c  
; Sequence 3, Application US/11139499  
; Publication No. US20050260205A1  
; GENERAL INFORMATION:  
; APPLICANT: ANDERSON, DARRELL R.  
; APPLICANT: HANNA, NABIL  
; APPLICANT: BRAMS, PETER  
; APPLICANT: HEARD, CHERYL  
; TITLE OF INVENTION: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN  
; TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2  
; FILE REFERENCE: 37003-275681  
; CURRENT APPLICATION NUMBER: US/11/139,499

CURRENT FILING DATE: 2005-05-31  
PRIOR APPLICATION NUMBER: US/09/576,424  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US97/19906  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 08/746,361  
PRIOR FILING DATE: 1996-11-08  
PRIOR APPLICATION NUMBER: 08/487,550  
PRIOR FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 3  
LENGTH: 1431  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(1428)  
US-11-139-499-3

Query Match 100.0%; Score 33; DB 11; Length 1431;  
Best Local Similarity 100.0%; Pred. No. 6,7e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33  
DB 753 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 721

RESULT 3  
US-11-139-499-11/c  
Sequence 11, Application US/11139499  
Publication No. US20050260205A1  
GENERAL INFORMATION:  
APPLICANT: ANDERSON, DARRELL R.  
APPLICANT: HANNA, NABIL  
APPLICANT: BRAMS, PETER  
APPLICANT: HEARD, CHERYL  
TITLE OF INVENTION: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN  
TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2  
FILE REFERENCE: 37003-275681  
CURRENT APPLICATION NUMBER: US/11/139,499  
CURRENT FILING DATE: 2005-05-31  
PRIOR APPLICATION NUMBER: US/09/576,424  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US97/19906  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 08/746,361  
PRIOR FILING DATE: 1996-11-08  
PRIOR APPLICATION NUMBER: 08/487,550  
PRIOR FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 11  
LENGTH: 1431  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(1428)  
US-11-139-499-11

Query Match 100.0%; Score 33; DB 11; Length 1431;  
Best Local Similarity 100.0%; Pred. No. 6,7e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33  
DB 753 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 721

RESULT 4

US-11-139-499-7/c  
Sequence 7, Application US/11139499  
Publication No. US20050260205A1  
GENERAL INFORMATION:  
APPLICANT: ANDERSON, DARRELL R.  
APPLICANT: HANNA, NABIL  
APPLICANT: BRAMS, PETER  
APPLICANT: HEARD, CHERYL  
TITLE OF INVENTION: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN  
TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2  
FILE REFERENCE: 37003-275681  
CURRENT APPLICATION NUMBER: US/11/139,499  
CURRENT FILING DATE: 2005-05-31  
PRIOR APPLICATION NUMBER: US/09/576,424  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US97/19906  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 08/746,361  
PRIOR FILING DATE: 1996-11-08  
PRIOR APPLICATION NUMBER: 08/487,550  
PRIOR FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 7  
LENGTH: 1437  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(1434)  
US-11-139-499-7

Query Match 100.0%; Score 33; DB 11; Length 1437;  
Best Local Similarity 100.0%; Pred. No. 6,8e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33  
DB 759 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 727

RESULT 5  
US-10-886-383-5/c  
Sequence 5, Application US/10886383  
Publication No. US20060005571A1  
GENERAL INFORMATION:  
APPLICANT: Hoffmann-La Roche Inc.  
TITLE OF INVENTION: Antibodies against insulin-like growth factor I receptor and uses  
TITLE OF INVENTION: thereof  
FILE REFERENCE: 21695  
CURRENT APPLICATION NUMBER: US/10/886,383  
CURRENT FILING DATE: 2004-07-08  
PRIOR APPLICATION NUMBER: EP 03015526  
PRIOR FILING DATE: 2003-07-10  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 5  
LENGTH: 990  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(990)  
US-10-886-383-5

Query Match 90.3%; Score 29.8; DB 6; Length 990;  
Best Local Similarity 93.9%; Pred. No. 0.0015;  
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33  
DB 315 TTTGTCAAGATTGGGCTCACTTCTTCTGTC 283

## RESULT 6

US-11-165-141-14/c  
; Sequence 14, Application US/11165141  
; Publication No. US20050266485A1  
; GENERAL INFORMATION:  
; APPLICANT: Presnell, Scott R.  
; APPLICANT: Xu, Wenfeng  
; APPLICANT: Novak, Julia E.  
; APPLICANT: Whitmore, Theodore E.  
; APPLICANT: Grant, Francis J.  
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19  
; FILE REFERENCE: 00-108  
; CURRENT APPLICATION NUMBER: US/11/165,141  
; CURRENT FILING DATE: 2005-06-23/995,898  
; PRIOR APPLICATION NUMBER: US/09/995,898  
; PRIOR FILING DATE: 2001-11-28  
; PRIOR APPLICATION NUMBER: US 60/253,561  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 60/267,211  
; PRIOR FILING DATE: 2001-02-07  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: FaastSeq for Windows Version 3.0  
; SEQ ID NO 14  
; LENGTH: 990  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1) ... (990)  
US-11-165-141-14

Query Match 90.3%; Score 29.8; DB 11; Length 990;  
Best Local Similarity 93.9%; Pred. No. 0.0015;  
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 33  
Db 315 TTTGTCAAGATTGGGCTCACTTTCTTGTG 283

## RESULT 7

US-10-493-909-19/c  
; Sequence 19, Application US/10493909  
; Publication No. US20060015969A1  
; GENERAL INFORMATION:  
; APPLICANT: LARRICK, JAMES W.  
; APPLICANT: WYCOFF, KEITH L.  
; TITLE OF INVENTION: NOVEL IMMUNOMODULATORS FOR TREATING AND PREVENTING TOXICITY  
; FILE REFERENCE: 41514-20004.01  
; CURRENT APPLICATION NUMBER: US/10/493,909  
; CURRENT FILING DATE: 2004-04-26  
; PRIOR APPLICATION NUMBER: PCT/US01/13932  
; PRIOR FILING DATE: 2001-04-28  
; PRIOR APPLICATION NUMBER: 60/200,298  
; PRIOR FILING DATE: 2000-04-28  
; NUMBER OF SEQ ID NOS: 101  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 993  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-493-909-19

Query Match 90.3%; Score 29.8; DB 6; Length 993;  
Best Local Similarity 93.9%; Pred. No. 0.0015;  
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 33  
Db 315 TTTGTCAAGATTGGGCTCACTTTCTTGTG 283

## RESULT 8

US-11-092-988-53/c  
; Sequence 53, Application US/11092988  
; Publication No. US20050260710A1  
; GENERAL INFORMATION:  
; APPLICANT: Sekisui Chemical Co., Ltd  
; APPLICANT: Suzuki, Kazuo  
; TITLE OF INVENTION: Methods for producing recombinant polyclonal immunoglobulins  
; FILE REFERENCE: SUZUKI35  
; CURRENT APPLICATION NUMBER: US/11/092,988  
; CURRENT FILING DATE: 2005-03-30  
; PRIOR APPLICATION NUMBER: JP 2004/104939  
; PRIOR FILING DATE: 2004-03-31  
; NUMBER OF SEQ ID NOS: 82  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 1000  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-11-092-988-53

Query Match 90.3%; Score 29.8; DB 11; Length 1000;  
Best Local Similarity 93.9%; Pred. No. 0.0015;  
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 33  
Db 322 TTTGTCAAGATTGGGCTCACTTTCTTGTG 290

## RESULT 9

US-11-128-061-18/c  
; Sequence 18, Application US/11128061  
; Publication No. US20060003958A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.  
; APPLICANT: Charlebois, Timothy S.  
; APPLICANT: Mounts, William M.  
; APPLICANT: Hann, Louane E.  
; APPLICANT: Sinacore, Martin S.  
; APPLICANT: Leonard, Mark W.  
; APPLICANT: Brown, Eugene L.  
; APPLICANT: Miller, Christopher P.  
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS  
; FILE REFERENCE: 01997.027701  
; CURRENT APPLICATION NUMBER: US/11/128,061  
; CURRENT FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: US 60/570,425  
; PRIOR FILING DATE: 2004-05-11  
; NUMBER OF SEQ ID NOS: 7285  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 18  
; LENGTH: 1312  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-11-128-061-18

Query Match 90.3%; Score 29.8; DB 11; Length 1312;  
Best Local Similarity 93.9%; Pred. No. 0.0016;  
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 33  
Db 666 TTTGTCAAGATTGGGCTCACTTTCTTGTG 634

## RESULT 10

US-11-128-061-3660/c  
; Sequence 3660, Application US/11128061  
; Publication No. US20060003958A1

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; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3660
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-11-128-061-3660

Query Match          90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTCAACAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTCAACAAGATTGGGCTCAACTTCTTGTC 634

RESULT 11
US-11-128-049-18/c
; Sequence 18, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 18
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-11-128-049-18

Query Match          90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTCAACAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTCAACAAGATTGGGCTCAACTTCTTGTC 634

RESULT 12
US-11-128-049-3660/c
; Sequence 3660, Application US/11128049
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; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3660
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-11-128-049-3660

Query Match          90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTCAACAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTCAACAAGATTGGGCTCAACTTCTTGTC 634

RESULT 13
US-10-981-356A-31/c
; Sequence 31, Application US/10981356A
; Publication No. US20060015952A1
; GENERAL INFORMATION:
; APPLICANT: FILVAROFF, ELLEN H.
; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
; FILE REFERENCE: P2068R1
; CURRENT APPLICATION NUMBER: US/10/981,356A
; CURRENT FILING DATE: 2004-11-04
; PRIOR APPLICATION NUMBER: US 60/520,398
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US 60/557,951
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 31
; LENGTH: 1341
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
; US-10-981-356A-31

Query Match          90.3%; Score 29.8; DB 6; Length 1341;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTCAACAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTCAACAAGATTGGGCTCAACTTCTTGTC 634

RESULT 14
US-10-981-356A-33/c
; Sequence 33, Application US/10981356A
; Publication No. US20060015952A1
; GENERAL INFORMATION:
; APPLICANT: FILVAROFF, ELLEN H.
; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
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; FILE REFERENCE: P2068R1
; CURRENT APPLICATION NUMBER: US/10/981,356A
; CURRENT FILING DATE: 2004-11-04
; PRIOR APPLICATION NUMBER: US 60/520,398
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US 60/557,951
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 33
; LENGTH: 1341
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
US-10-981-356A-33

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Query Match          90.3%; Score 29.8; DB 6; Length 1341;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 33
Db      666 TTTGTCAAGATTGGGCTGCTGCTTCTTGTG 634

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RESULT 15
US-10-981-356A-35/c
; Sequence 35, Application US/10981356A
; Publication No. US20060015952A1
; GENERAL INFORMATION:
; APPLICANT: FIVAROPF, ELLEN H.
; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
; FILE REFERENCE: P2068R1
; CURRENT APPLICATION NUMBER: US/10/981,356A
; CURRENT FILING DATE: 2004-11-04
; PRIOR APPLICATION NUMBER: US 60/520,398
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US 60/557,951
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 35
; LENGTH: 1341
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
US-10-981-356A-35

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Query Match          90.3%; Score 29.8; DB 6; Length 1341;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 33
Db      666 TTTGTCAAGATTGGGCTGCTGCTTCTTGTG 634

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 Job time : 230.168 secs

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GenCore version 5.1.7  
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OM nucleic acid search, using sw model

Run on: February 12, 2006, 18:05:05 / Search time 398.218 Seconds  
(without alignments)  
685.276 Million cell updates/sec

Title: US-10-006-591a-8

Sequence: 1 ttctgcacagatttggtgctctctctctc 33

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Gapop 10.0, Gapext 1.0

Searched: 9793542 seqs, 413468905 residues

Total number of hits satisfying chosen parameters: 19587084

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications NA Main:\*

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- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09\_PUBCOMB.seq:\*
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- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq:\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	33	100.0	33	US-10-006-591-8	Sequence 8, Appl1
2	33	100.0	59	US-10-006-591-9	Sequence 9, Appl1
3	33	100.0	59	US-10-006-591-10	Sequence 10, Appl1
4	33	100.0	681	US-10-350-555-42	Sequence 42, Appl1
5	33	100.0	681	US-10-350-555-43	Sequence 43, Appl1
6	33	100.0	681	US-10-350-555-44	Sequence 44, Appl1
7	33	100.0	681	US-10-350-555-45	Sequence 45, Appl1
8	33	100.0	681	US-10-350-555-46	Sequence 46, Appl1
9	33	100.0	681	US-10-350-555-47	Sequence 47, Appl1
10	33	100.0	681	US-10-625-047-42	Sequence 42, Appl1
11	33	100.0	681	US-10-625-047-43	Sequence 43, Appl1
12	33	100.0	681	US-10-625-047-44	Sequence 44, Appl1
13	33	100.0	681	US-10-625-047-45	Sequence 45, Appl1
14	33	100.0	681	US-10-625-047-46	Sequence 46, Appl1
15	33	100.0	681	US-10-625-047-47	Sequence 47, Appl1
16	33	100.0	681	US-10-631-258-42	Sequence 42, Appl1
17	33	100.0	681	US-10-631-258-43	Sequence 43, Appl1
18	33	100.0	681	US-10-631-258-44	Sequence 44, Appl1
19	33	100.0	681	US-10-631-258-45	Sequence 45, Appl1
20	33	100.0	681	US-10-631-258-46	Sequence 46, Appl1
21	33	100.0	681	US-10-631-258-47	Sequence 47, Appl1
22	33	100.0	699	US-10-229-567-8	Sequence 8, Appl1
23	33	100.0	1407	US-10-981-738-11	Sequence 11, Appl1

c 24	33	100.0	1428	3	US-09-740-002-17	Sequence 17, Appl1
c 25	33	100.0	1428	3	US-09-740-002-19	Sequence 19, Appl1
c 26	33	100.0	1428	3	US-09-335-6978-17	Sequence 17, Appl1
c 27	33	100.0	1428	3	US-09-335-6978-19	Sequence 19, Appl1
c 28	33	100.0	1428	6	US-10-384-356-17	Sequence 17, Appl1
c 29	33	100.0	1428	6	US-10-384-356-19	Sequence 19, Appl1
c 30	33	100.0	1428	7	US-10-325-698-17	Sequence 17, Appl1
c 31	33	100.0	1428	7	US-10-325-698-19	Sequence 19, Appl1
c 32	33	100.0	1431	3	US-09-758-173-3	Sequence 3, Appl1
c 33	33	100.0	1431	3	US-09-758-173-11	Sequence 11, Appl1
c 34	33	100.0	1431	3	US-09-948-4298-3	Sequence 3, Appl1
c 35	33	100.0	1431	3	US-09-948-4298-11	Sequence 11, Appl1
c 36	33	100.0	1431	5	US-10-124-905-3	Sequence 3, Appl1
c 37	33	100.0	1431	5	US-10-124-905-11	Sequence 11, Appl1
c 38	33	100.0	1431	5	US-10-073-138-2	Sequence 2, Appl1
c 39	33	100.0	1431	5	US-10-073-138-6	Sequence 6, Appl1
c 40	33	100.0	1431	6	US-10-124-807-3	Sequence 3, Appl1
c 41	33	100.0	1431	6	US-10-124-807-11	Sequence 11, Appl1
c 42	33	100.0	1431	6	US-10-291-532-3	Sequence 3, Appl1
c 43	33	100.0	1431	6	US-10-291-532-11	Sequence 11, Appl1
c 44	33	100.0	1431	9	US-10-986-780-3	Sequence 3, Appl1
c 45	33	100.0	1431	9	US-10-986-780-11	Sequence 11, Appl1

#### ALIGNMENTS

```
RESULT 1
US-10-006-591-8
: Sequence 8, Application US/10006591
: Publication No. US20030049731A1
: GENERAL INFORMATION:
: APPLICANT: Bowditch, Katherine S.
: APPLICANT: Frederickson, Shana
: APPLICANT: Lin, Ying-Chi
: APPLICANT: Renshaw, Mark
: APPLICANT: Wild, Martha
: TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
: FILE REFERENCE: 1087-3
: CURRENT APPLICATION NUMBER: US/10/006,591
: CURRENT FILING DATE: 2001-12-05
: PRIOR APPLICATION NUMBER: 60/251,440
: PRIOR FILING DATE: 2000-12-05
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 8
: LENGTH: 33
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description for Artificial Sequence: primer
US-10-006-591-8

Query Match      100.0%; Score 33; DB 5; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.00063;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1  TTGTGCACAGATTGGGCTGCTGCTTCTGTC 33
Db      1  TTGTGCACAGATTGGGCTGCTGCTTCTGTC 33

RESULT 2
US-10-006-591-9/c
: Sequence 9, Application US/10006591
: Publication No. US20030049731A1
: GENERAL INFORMATION:
: APPLICANT: Bowditch, Katherine S.
: APPLICANT: Frederickson, Shana
: APPLICANT: Lin, Ying-Chi
: APPLICANT: Renshaw, Mark
: APPLICANT: Wild, Martha
```

```
; APPLICANT: McWhirter, John
; TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
; FILE REFERENCE: 1087-3
; CURRENT APPLICATION NUMBER: US/10/006,591
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 60/251,440
; PRIOR FILING DATE: 2000-12-05
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
; NAME/KEY: misc.feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: n is g or t
US-10-006-591-9
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Query Match          100.0%; Score 33; DB 5; Length 59;
Best Local Similarity 100.0%; Pred. No. 0.00069;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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CY 1 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 33
DB 58 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 26
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## RESULT 3

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US-10-006-591-10
; Sequence 10, Application US/10006591
; Publication No. US20030049731A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: Renshaw, Mark
; APPLICANT: Wild, Martha
; APPLICANT: McWhirter, John
; TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
; FILE REFERENCE: 1087-3
; CURRENT APPLICATION NUMBER: US/10/006,591
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 60/251,440
; PRIOR FILING DATE: 2000-12-05
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
; NAME/KEY: misc.feature
; LOCATION: (53)..(53)
; OTHER INFORMATION: n is a or c
US-10-006-591-10
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Query Match          100.0%; Score 33; DB 5; Length 59;
Best Local Similarity 100.0%; Pred. No. 0.00069;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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CY 1 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 33
DB 6 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 38
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## RESULT 4

```
US-10-350-555-42/c
; Sequence 42, Application US/10350555
```

```
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: native cloned
; OTHER INFORMATION: chimeric murine 2D12.5 heavy chain variable region
; OTHER INFORMATION: (VH) fused to human anti-tetanus toxin antibody
; OTHER INFORMATION: CH1 heavy chain constant region (TTCCH)
US-10-350-555-42
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Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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CY 1 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 33
DB 675 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 643
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## RESULT 5

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US-10-350-555-43/c
; Sequence 43, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 43
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D cloned
; OTHER INFORMATION: mutant chimeric murine 2D12.5 heavy chain variable
; OTHER INFORMATION: region (VH) fused to human anti-tetanus toxin
; OTHER INFORMATION: antibody CH1 heavy chain constant region (TTCCH)
US-10-350-555-43
```

```
Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
CY 1 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 33
DB 675 TTTGTCAAGATTGGGCTGCTGCTTTCTTGTG 643
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## RESULT 6

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US-10-350-555-44/c
; Sequence 44, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; APPLICANT: The Regents of the University of California
```



```

; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:N87D G55C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-350-555-44

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 7
US-10-350-555-45/c
; Sequence 45, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:N87D G54C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-350-555-45

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 8
US-10-350-555-46/c
; Sequence 46, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
```

```

; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:N87D G55C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-350-555-46

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 9
US-10-350-555-47/c
; Sequence 47, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chimeric murine
; OTHER INFORMATION: 2D12.5 heavy chain variable region (VH) fused to
; OTHER INFORMATION: human anti-tetanus toxin antibody CH1 heavy chain
; OTHER INFORMATION: constant region (TTCH) expected sequence
US-10-350-555-47

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 10
US-10-625-047-42/c
; Sequence 42, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
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; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 42
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: native cloned
; OTHER INFORMATION: chimeric murine 2D12.5 heavy chain variable region
; OTHER INFORMATION: (VH) fused to human anti-tetanus toxin antibody
; OTHER INFORMATION: CH1 heavy chain constant region (TTCH)
US-10-625-047-42
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```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 1 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 643
```

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RESULT 11
US-10-625-047-43/c
; Sequence 43, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 43
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D cloned
; OTHER INFORMATION: mutant chimeric murine 2D12.5 heavy chain variable
; OTHER INFORMATION: region (VH) fused to human anti-tetanus toxin
; OTHER INFORMATION: antibody CH1 heavy chain constant region (TTCH)
US-10-625-047-43
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```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 1 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 643
```

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RESULT 12
US-10-625-047-44/c
; Sequence 44, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
```

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; SEQ ID NO 44
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D G53C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-625-047-44
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Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy 1 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 643
```

```
RESULT 13
US-10-625-047-45/c
; Sequence 45, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 45
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D G54C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-625-047-45
```

```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy 1 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGAGATTGGGCTCTGCTTTCTTGTGTC 643
```

```
RESULT 14
US-10-625-047-46/c
; Sequence 46, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D G55C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-625-047-46

```

```

Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 TTTGTCAAGAGATTGGGCTCTGCTTCTTCTGTC 33
          |||||
Db      675 TTTGTCAAGAGATTGGGCTCTGCTTCTTCTGTC 643

```

```

RESULT 15
US-10-625-047-47/c
; Sequence 47, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chimeric murine
; OTHER INFORMATION: 2D12.5 heavy chain variable region (VH) fused to
; OTHER INFORMATION: human anti-tetanus toxin antibody CH1 heavy chain
; OTHER INFORMATION: constant region (TTCH) expected sequence
US-10-625-047-47

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Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 TTTGTCAAGAGATTGGGCTCTGCTTCTTCTGTC 33
          |||||
Db      675 TTTGTCAAGAGATTGGGCTCTGCTTCTTCTGTC 643

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Search completed: February 12, 2006, 18:36:52
Job time : 399.219 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 17:49:17 ; Search time 68.7731 Seconds  
(without alignments)  
852.943 Million cell updates/sec

Title: US-10-006-591A-8

Perfect score: 33  
Sequence: 1 ttctgcacagattgggctctctctctgc 33

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: \*  
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2: /cgn2\_6/ptodata/1/ina/5 COMB.seq: \*  
3: /cgn2\_6/ptodata/1/ina/6A COMB.seq: \*  
4: /cgn2\_6/ptodata/1/ina/6B COMB.seq: \*  
5: /cgn2\_6/ptodata/1/ina/H COMB.seq: \*  
6: /cgn2\_6/ptodata/1/ina/PP COMB.seq: \*  
7: /cgn2\_6/ptodata/1/ina/PTUS COMB.seq: \*  
8: /cgn2\_6/ptodata/1/ina/RE COMB.seq: \*  
9: /cgn2\_6/ptodata/1/ina/backfile1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	33	100.0	687	2	US-08-300-386A-1
C 2	33	100.0	687	2	US-08-931-645-1
C 3	33	100.0	687	6	PCT-US94-01258-1
C 4	33	100.0	687	6	PCT-US95-11235-1
C 5	33	100.0	699	2	US-08-480-753-1
C 6	33	100.0	699	3	US-09-041-889-8
C 7	33	100.0	699	3	US-08-837-058-8
C 8	33	100.0	699	3	US-09-417-264-8
C 9	33	100.0	732	2	US-08-480-753-3
C 10	33	100.0	1418	3	US-08-793-450-7
C 11	33	100.0	1428	2	US-08-488-376-19
C 12	33	100.0	1428	2	US-08-488-376-19
C 13	33	100.0	1428	2	US-08-634-223-17
C 14	33	100.0	1428	2	US-08-634-223-17
C 15	33	100.0	1428	2	US-08-634-224-17
C 16	33	100.0	1428	2	US-08-634-224-19
C 17	33	100.0	1428	2	US-08-634-400-17
C 18	33	100.0	1428	2	US-08-634-400-19
C 19	33	100.0	1428	2	US-08-635-878-17
C 20	33	100.0	1428	2	US-08-635-878-19
C 21	33	100.0	1428	2	US-08-770-057-17
C 22	33	100.0	1428	2	US-08-770-057-19
C 23	33	100.0	1428	3	US-09-335-697B-17
C 24	33	100.0	1428	3	US-09-335-697B-19

C 25	33	100.0	1428	3	US-09-335-697B-17	Sequence 17, Appl
C 26	33	100.0	1428	3	US-09-335-697B-19	Sequence 19, Appl
C 27	33	100.0	1428	3	US-09-740-002-17	Sequence 17, Appl
C 28	33	100.0	1428	3	US-09-740-002-19	Sequence 19, Appl
C 29	33	100.0	1431	3	US-08-487-550-3	Sequence 3, Appl1
C 30	33	100.0	1431	3	US-08-487-550-11	Sequence 11, Appl1
C 31	33	100.0	1431	3	US-09-526-098-3	Sequence 3, Appl1
C 32	33	100.0	1431	3	US-09-526-098-11	Sequence 11, Appl1
C 33	33	100.0	1431	3	US-09-383-916-3	Sequence 3, Appl1
C 34	33	100.0	1431	3	US-09-383-916-11	Sequence 11, Appl1
C 35	33	100.0	1431	3	US-09-758-173-3	Sequence 3, Appl1
C 36	33	100.0	1431	3	US-09-758-173-11	Sequence 11, Appl1
C 37	33	100.0	1431	3	US-09-576-424-3	Sequence 3, Appl1
C 38	33	100.0	1431	3	US-09-576-424-11	Sequence 11, Appl1
C 39	33	100.0	1437	3	US-08-487-550-7	Sequence 7, Appl1
C 40	33	100.0	1437	3	US-09-526-098-7	Sequence 7, Appl1
C 41	33	100.0	1437	3	US-09-383-916-7	Sequence 7, Appl1
C 42	33	100.0	1437	3	US-09-758-173-7	Sequence 7, Appl1
C 43	33	100.0	1437	3	US-09-576-424-7	Sequence 7, Appl1
C 44	33	100.0	4691	3	US-08-591-632-43	Sequence 43, Appl1
C 45	33	100.0	4691	3	US-09-611-451-43	Sequence 43, Appl1

#### ALIGNMENTS

RESULT 1  
US-08-300-386A-1/c  
Sequence 1, Application US/08300386A  
Patent No. 5667988  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F. III  
APPLICANT: Burton, Dennis R  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS  
NUMBER OF SEQUENCES: 70  
CORRESPONDENCE ADDRESS:  
ADDRESS: The Scripps Research Institute  
STREET: 10666 No. 5667988th Torrey Pines Road, TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent'n Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/300,386A  
FILING DATE: 02-SEP-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,623  
FILING DATE: 27-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 409.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
LENGTH: 687 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-300-386A-1

Query Match 100.0%; Score 33; DB 2; Length 687;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33  
|||||  
Db 681 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 649

## RESULT 2

US-08-931-645-1/c  
Sequence 1, Application US/08931645

PATENT No. 6096551  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F, III  
APPLICANT: Burton, Dennis R  
APPLICANT: Lerner, Richard A  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
NUMBER OF SEQUENCES: 70  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute  
STREET: 10666 No. 6096551th Torrey Pines Road, TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,645  
FILING DATE:

## CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/300,386  
FILING DATE: 02-SEP-1994  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,623  
FILING DATE: 27-JAN-1992  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 409.1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937

TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
LENGTH: 687 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-931-645-1

Query Match 100.0%; Score 33; DB 3; Length 687;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33  
|||||  
Db 681 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 649

## RESULT 3

PCT-US94-01258-1/c  
Sequence 1, Application PC/TUS9401258

GENERAL INFORMATION:

APPLICANT:  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
NUMBER OF SEQUENCES: 61  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/01258  
FILING DATE: 02-FEB-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
LENGTH: 687 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US94-01258-1

Query Match 100.0%; Score 33; DB 6; Length 687;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33  
|||||  
Db 681 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 649

## RESULT 4

PCT-US95-11235-1/c  
Sequence 1, Application PC/TUS9511235

GENERAL INFORMATION:

APPLICANT: THE SCRIPPS RESEARCH INSTITUTE  
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES  
NUMBER OF SEQUENCES: 70  
CORRESPONDENCE ADDRESS:

ADDRESSEE: The Scripps Research Institute  
STREET: 10666 North Torrey Pines Road, TPC8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent'n Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/11235  
FILING DATE: 01-SEP-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,386  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,674  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,623  
FILING DATE: 27-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/954,148  
FILING DATE: 30-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 409.1 (PC)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 687 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US95-11235-1

Query Match 100.0%; Score 33; DB 6; Length 687;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTTGTTC 33  
Db 681 TTTGTCAAGATTGGGCTCTGCTTTTGTTC 649

RESULT 5  
US-08-480-753-1/C  
Sequence 1, Application US/08480753  
Patent No. 5830675  
GENERAL INFORMATION:  
APPLICANT: Targan M.D., Stephan R.  
APPLICANT: Vidulich Ph.D., Alga M.  
TITLE OF INVENTION: METHODS FOR SELECTIVELY DETECTING  
TITLE OF INVENTION: PERINUCLEAR ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY OF  
TITLE OF INVENTION: ULCERATIVE COLITIS, PRIMARY SCLEROSING CHOLANGITIS, OR  
TITLE OF INVENTION: TYPE I AUTOIMMUNE HEPATITIS  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wendy A. Whiteford, Esq.  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent'n Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,753  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Whiteford, Wendy A.  
REGISTRATION NUMBER: 36,964  
REFERENCE/DOCKET NUMBER: P07 33571  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 622-7700  
TELEFAX: (213) 489-4210  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 699 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
TISSUE TYPE: Gut-associated lymphoid  
CELL TYPE: Lymphocyte  
IMMEDIATE SOURCE:  
CLONE: 5-3  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..699  
OTHER INFORMATION: /codon start= 1  
OTHER INFORMATION: /product= "Human Heavy Chain of IgG ANCA"  
OTHER INFORMATION: associated with UC"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 1..15  
OTHER INFORMATION: /product= "N-Terminal Tag"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 16..96  
OTHER INFORMATION: /label= FR1  
OTHER INFORMATION: /note= "FR1" refers to Framework Region 1"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 97..111  
OTHER INFORMATION: /label= CDR1  
OTHER INFORMATION: /note= "CDR1" refers to Complementarity  
OTHER INFORMATION: Determining Region 1"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 112..153  
OTHER INFORMATION: /label= FR2  
OTHER INFORMATION: /note= "FR2" refers to Framework Region 2"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 154..204  
OTHER INFORMATION: /label= CDR2  
OTHER INFORMATION: /note= "CDR2" refers to Complementarity  
OTHER INFORMATION: Determining Region 2"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 205..300  
OTHER INFORMATION: /label= FR3  
OTHER INFORMATION: /note= "FR3" refers to Framework Region 3"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 301..327  
OTHER INFORMATION: /label= CDR3  
OTHER INFORMATION: /note= "CDR3" refers to Complementarity  
OTHER INFORMATION: Determining Region 3"  
FEATURE:  
NAME/KEY: misc RNA  
LOCATION: 328..360

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OTHER INFORMATION: /label= FR4
OTHER INFORMATION: /note= "PR4" refers to Framework Region 4"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 361..651
OTHER INFORMATION: /label= CH1
OTHER INFORMATION: /note= "CH1" refers to Constant Segment 1 of the
OTHER INFORMATION: Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 652..678
OTHER INFORMATION: /label= Hinge
OTHER INFORMATION: /note= "Hinge" refers to Partial Hinge Segment of
OTHER INFORMATION: the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 679..699
OTHER INFORMATION: /label= Hex-RTAG
OTHER INFORMATION: /note= "Hex-RTAG" refers to Hexahistidine Tag"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..651
OTHER INFORMATION: /label= Fd
OTHER INFORMATION: /note= "Fd" refers to the Fd of the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..300
OTHER INFORMATION: /label= VHSEMENT
OTHER INFORMATION: /note= "VHSEMENT" refers to Variable Segment of
OTHER INFORMATION: the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 301..315
OTHER INFORMATION: /label= D
OTHER INFORMATION: /note= "D" refers to Diversity Segment"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 316..360
OTHER INFORMATION: /label= JH
OTHER INFORMATION: /note= "JH" refers to Joining Segment of the
OTHER INFORMATION: Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..360
OTHER INFORMATION: /label= VHDOMAIN
OTHER INFORMATION: /note= "VHDOMAIN" refers to Variable Domain of
OTHER INFORMATION: the Heavy Chain"
US-08-480-753-1

Query Match 100.0%; Score 33; DB 2; Length 699;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 33
|||||
Db 675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 643

RESULT 6
US-09-041-889-8/c
Sequence 8, Application US/09041889
Patent No. 6033864
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Ofer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESS: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
```

```
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 699 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 1..699
NAME/KEY: misc feature
LOCATION: 1..699
OTHER INFORMATION: /note= "product = NANUC-2 heavy
OTHER INFORMATION: chain"
US-09-041-889-8

Query Match 100.0%; Score 33; DB 3; Length 699;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 33
|||||
Db 675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTG 643

RESULT 7
US-08-837-058-8/c
Sequence 8, Application US/08837058
Patent No. 6074835
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Targan, Stephan R.
APPLICANT: Eggena, Mark
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Histone H1
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESS: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058
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FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-PM 2438  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9901  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 699 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..699  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..699  
OTHER INFORMATION: /note= "product = NANUC-2 heavy  
OTHER INFORMATION: chain"  
US-08-837-058-8

Query Match 100.0%; Score 33; DB 3; Length 699;  
Best Local Similarity 100.0%; Pred. NO. 4e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTGCAAGATTGGGCTCTGCTTCTTCTC 33  
Db 675 TTGTGCAAGATTGGGCTCTGCTTCTTCTC 643

RESULT 8  
US-09-417-264-8/c  
Sequence 8, Application US/09417264  
Patent No. 6537768  
GENERAL INFORMATION:  
APPLICANT: Braun, Jonathan  
TITLE OF INVENTION: Diagnostic, Prevention and Treatment of  
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using  
TITLE OF INVENTION: Microbial UC PANCA antigens  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/417,264  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/041,889  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-PM 3006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:

LENGTH: 699 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..699  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..699  
OTHER INFORMATION: /note= "product = NANUC-2 heavy  
OTHER INFORMATION: chain"  
US-09-417-264-8

Query Match 100.0%; Score 33; DB 3; Length 699;  
Best Local Similarity 100.0%; Pred. NO. 4e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTGCAAGATTGGGCTCTGCTTCTTCTC 33  
Db 675 TTGTGCAAGATTGGGCTCTGCTTCTTCTC 643

RESULT 9  
US-08-480-753-3/c  
Sequence 3, Application US/08480753  
Patent No. 5830675  
GENERAL INFORMATION:  
APPLICANT: Targan M.D., Stephan R.  
TITLE OF INVENTION: METHODS FOR SELECTIVELY DETECTING  
TITLE OF INVENTION: PERINUCLEAR ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY OF  
TITLE OF INVENTION: ULCERATIVE COLITIS, PRIMARY SCLEROSING CHOLANGITIS, OR  
TITLE OF INVENTION: TYPE I AUTOIMMUNE HEPATITIS  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wendy A. Whiteford, Esq.  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,753  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Whiteford, Wendy A.  
REGISTRATION NUMBER: 36,964  
REFERENCE/DOCKET NUMBER: P07 33571  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 622-7700  
TELEFAX: (213) 489-4210  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 732 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
TISSUE TYPE: Gut-associated lymphoid  
CELL TYPE: Lymphocyte  
IMMEDIATE SOURCE:

CLONE: 5-4  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..732 /codon\_start= 1  
OTHER INFORMATION: /product= "Human Heavy Chain of IgG ANCA  
OTHER INFORMATION: associated with UC"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 1..15 /product= "N-Terminal Tag"  
OTHER INFORMATION:  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 16..33 /label= FR1  
OTHER INFORMATION: /note= "FR1" refers to Framework Region 1"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 94..108 /label= CDR1  
OTHER INFORMATION: /note= "CDR1" refers to Complementarity  
OTHER INFORMATION: Determining Region 1"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 109..150 /label= FR2  
OTHER INFORMATION: /note= "FR2" refers to Framework Region 2"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 151..201 /label= CDR2  
OTHER INFORMATION: /note= "CDR2" refers to Complementarity  
OTHER INFORMATION: Determining Region 2"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 202..297 /label= FR3  
OTHER INFORMATION: /note= "FR3" refers to Framework Region 3"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 298..360 /label= CDR3  
OTHER INFORMATION: /note= "CDR3" refers to Complementarity  
OTHER INFORMATION: Determining Region 3"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 361..393 /label= FR4  
OTHER INFORMATION: /note= "FR4" refers to Framework Region 4"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 394..684 /label= CH1  
OTHER INFORMATION: /note= "CH1" refers to Constant Segment of the  
OTHER INFORMATION: Heavy Chain"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 685..711 /label= Hinge  
OTHER INFORMATION: /note= "Hinge" refers to Partial Hinge Segment of  
OTHER INFORMATION: the Heavy Chain"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 712..732 /label= Hex-HTag  
OTHER INFORMATION: /note= "Hex-HTag" refers to Hexahistidine Tag"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 16..684 /label= Fd  
OTHER INFORMATION: /note= "Fd" refers to the Fd of the Heavy Chain"  
FEATURE:  
NAME/KEY: misc\_RNA

LOCATION: 16..297 /label= VHSEGMENT  
OTHER INFORMATION: /note= "VHSEGMENT" refers to Variable Segment of  
OTHER INFORMATION: the Heavy Chain"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 298..363 /label= D  
OTHER INFORMATION: /note= "D" refers to Diversity Segment"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 364..408 /label= JH  
OTHER INFORMATION: /note= "JH" refers to Joining Segment of the  
OTHER INFORMATION: Heavy Chain"  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: 16..408 /label= VHDOMAIN  
OTHER INFORMATION: /note= "VHDOMAIN" refers to Variable Domain of  
OTHER INFORMATION: the Heavy Chain"  
US-06-480-753-3  
Query Match 100.0%; Score 33; DB 2; Length 732;  
Best Local Similarity 100.0%; Pred. No. 4e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 TTTGTCAAGATTGGCTCTGCTTCTTCTGTC 33  
Db 708 TTTGTCAAGATTGGCTCTGCTTCTTCTGTC 676  
RESULT 10  
US-08-793-450-7/c  
Sequence 7, Application US/08793450  
Patent No. 6312690  
GENERAL INFORMATION:  
APPLICANT: EDELMAN, LENA  
APPLICANT: MARGARITTE, CRISTEL  
APPLICANT: KACZOREK, MICHEL  
APPLICANT: CHABBIH, HASSAN  
TITLE OF INVENTION: MONOCLONAL RECOMBINANT ANTI-RHESUS D  
TITLE OF INVENTION: 25  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
ADDRESSER: P. C.  
STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/793,450  
FILING DATE: 03-MAR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 94/10566  
FILING DATE: 02-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 660-118-0 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-413-3000  
TELEFAX: 703-413-2220  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:

LENGTH: 1418 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1418  
FEATURE:  
NAME/KEY: 81g\_peptide  
LOCATION: 1..57  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 58..1418  
OTHER INFORMATION: /product= "IMMUNOGLOBIN, HEAVY"  
US-08-793-450-7

Query Match 100.0%; Score 33; DB 3; Length 1418;  
Best Local Similarity 100.0%; Pred. No. 4.8e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33  
Db 741 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 709

RESULT 11  
US-08-488-376-17/c  
Sequence 17, Application US/08488376  
Patent No. 5811524  
GENERAL INFORMATION:  
APPLICANT: BRAMS, Peter  
APPLICANT: CHAMAT, Soulaïma Salim  
APPLICANT: PAN, Li-Zhen  
APPLICANT: WALSH, Edward E.  
APPLICANT: HEARD, Cheryl Janne  
APPLICANT: NEWMAN, Roland Anthony  
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN  
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV P-PROTEIN AND  
NUMBER OF SEQUENCES: 19  
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THERBOF  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Burns, Doane, Swecker & Mathis  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,376  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Teeklin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-150  
TELEPHONE: (703) 836-6620  
TELECOMMUNICATION INFORMATION:  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1428 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:

NAME/KEY: CDS  
LOCATION: 1..1428  
US-08-488-376-17

Query Match 100.0%; Score 33; DB 2; Length 1428;  
Best Local Similarity 100.0%; Pred. No. 4.8e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33  
Db 750 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 718

RESULT 12  
US-08-488-376-19/c  
Sequence 19, Application US/08488376  
Patent No. 5811524  
GENERAL INFORMATION:  
APPLICANT: BRAMS, Peter  
APPLICANT: CHAMAT, Soulaïma Salim  
APPLICANT: PAN, Li-Zhen  
APPLICANT: WALSH, Edward E.  
APPLICANT: HEARD, Cheryl Janne  
APPLICANT: NEWMAN, Roland Anthony  
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN  
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV P-PROTEIN AND  
NUMBER OF SEQUENCES: 19  
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THERBOF  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Burns, Doane, Swecker & Mathis  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,376  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Teeklin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-150  
TELEPHONE: (703) 836-6620  
TELECOMMUNICATION INFORMATION:  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1428 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1428  
US-08-488-376-19

Query Match 100.0%; Score 33; DB 2; Length 1428;  
Best Local Similarity 100.0%; Pred. No. 4.8e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33  
Db 750 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 718

RESULT 13

US-08-634-223-17/c  
Sequence 17, Application US/08634223  
Patent No. 5840298  
GENERAL INFORMATION:  
APPLICANT: BRAMS, Peter  
APPLICANT: CHAMAT, Soulaïma Salim  
APPLICANT: PAN, Li-Zhen  
APPLICANT: WALSH, Edward B.  
APPLICANT: HEARD, Cheryl Janne  
APPLICANT: NEWMAN, Roland Anthony  
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN  
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND  
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/634,223  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,376  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-150  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1428 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1428  
US-08-634-223-17

Query Match 100.0%; Score 33; DB 2; Length 1428;  
Best Local Similarity 100.0%; Pred. No. 4.8e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33  
|||||  
Db 750 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 718

RESULT 14  
US-08-634-223-19/c  
Sequence 19, Application US/08634223  
Patent No. 5840298  
GENERAL INFORMATION:  
APPLICANT: BRAMS, Peter  
APPLICANT: CHAMAT, Soulaïma Salim  
APPLICANT: PAN, Li-Zhen  
APPLICANT: WALSH, Edward B.  
APPLICANT: HEARD, Cheryl Janne  
APPLICANT: NEWMAN, Roland Anthony  
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN

TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND  
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/634,223  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,376  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-150  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1428 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1428  
US-08-634-223-19

Query Match 100.0%; Score 33; DB 2; Length 1428;  
Best Local Similarity 100.0%; Pred. No. 4.8e-05;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33  
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Db 750 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 718

RESULT 15  
US-08-634-224-17/c  
Sequence 17, Application US/08634224  
Patent No. 5864125  
GENERAL INFORMATION:  
APPLICANT: BRAMS, Peter  
APPLICANT: CHAMAT, Soulaïma Salim  
APPLICANT: PAN, Li-Zhen  
APPLICANT: WALSH, Edward B.  
APPLICANT: HEARD, Cheryl Janne  
APPLICANT: NEWMAN, Roland Anthony  
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN  
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND  
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:

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/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/634,224
/ FILING DATE:
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/488,376
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Teskin, Robin L.
/ REGISTRATION NUMBER: 35,030
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 836-6620
/ TELEFAX: (703) 836-2021
/ INFORMATION FOR SEQ ID NO: 17:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1428 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..1428
/ US-08-634-224-17

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Query Match 100.0%; Score 33; DB 2; Length 1428;

Best Local Similarity 100.0%; Pred. NO. 4.8e-05; Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 TTGTGACAGATTGGGCTGCTTCTTCTGTC 33
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Db 750 TTGTGACAGATTGGGCTGCTTCTTCTGTC 718

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Job time : 68.7731 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 ; Search time 139.496 Seconds  
(without alignments)  
128.916 Million cell updates/sec

Title: US-10-006-591a-7

Perfect score: 19  
Sequence: 1 gactgcacacgctgacgctg 20

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapect 1.0

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 12480610

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA\_New:\*  
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4: /cgn2\_6/ptcdatc/1/pubpna/PCT\_NEW\_PUB.seq:\*  
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11: /cgn2\_6/ptcdatc/1/pubpna/US11\_NEW\_PUB.seq:\*  
12: /cgn2\_6/ptcdatc/1/pubpna/US60\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	19	100.0	23	7	US-10-967-457-36 Sequence 36, Appl
2	19	100.0	23	11	US-11-128-440-49 Sequence 49, Appl
3	19	100.0	23	11	US-11-175-690-62 Sequence 62, Appl
4	19	100.0	38	11	US-11-024-251-37 Sequence 37, Appl
5	19	100.0	39	11	US-11-024-251-68 Sequence 68, Appl
6	19	100.0	90	11	US-11-158-505-60 Sequence 60, Appl
7	19	100.0	97	7	US-10-489-866-31 Sequence 31, Appl
8	19	100.0	130	7	US-10-839-799-94 Sequence 94, Appl
9	19	100.0	144	11	US-11-226-325-79 Sequence 79, Appl
10	19	100.0	296	11	US-11-084-554-59 Sequence 59, Appl
11	19	100.0	296	11	US-11-084-554-60 Sequence 60, Appl
12	19	100.0	296	11	US-11-084-554-62 Sequence 62, Appl
13	19	100.0	296	11	US-11-084-554-64 Sequence 64, Appl
14	19	100.0	296	11	US-11-084-554-66 Sequence 66, Appl
15	19	100.0	296	11	US-11-084-554-67 Sequence 67, Appl
16	19	100.0	296	11	US-11-084-554-102 Sequence 102, Appl
17	19	100.0	296	11	US-11-136-250-59 Sequence 59, Appl
18	19	100.0	296	11	US-11-136-250-60 Sequence 60, Appl
19	19	100.0	296	11	US-11-136-250-62 Sequence 62, Appl
20	19	100.0	296	11	US-11-136-250-64 Sequence 64, Appl
21	19	100.0	296	11	US-11-136-250-66 Sequence 66, Appl

C 22	19	100.0	296	11	US-11-136-250-67 Sequence 67, Appl
C 23	19	100.0	296	11	US-11-136-250-102 Sequence 102, Appl
C 24	19	100.0	363	11	US-11-108-135-23 Sequence 23, Appl
C 25	19	100.0	363	11	US-11-126-978-23 Sequence 23, Appl
C 26	19	100.0	366	11	US-11-105-268-43 Sequence 43, Appl
C 27	19	100.0	369	11	US-11-112-240-13 Sequence 13, Appl
C 28	19	100.0	375	11	US-11-112-304A-13 Sequence 13, Appl
C 29	19	100.0	375	11	US-11-112-240-17 Sequence 17, Appl
C 30	19	100.0	375	11	US-11-112-304A-17 Sequence 17, Appl
C 31	19	100.0	409	7	US-10-839-799-98 Sequence 98, Appl
C 32	19	100.0	418	11	US-11-226-325-15 Sequence 15, Appl
C 33	19	100.0	418	11	US-11-226-325-17 Sequence 17, Appl
C 34	19	100.0	418	11	US-11-226-325-19 Sequence 19, Appl
C 35	19	100.0	418	11	US-11-226-325-21 Sequence 21, Appl
C 36	19	100.0	418	11	US-11-226-325-23 Sequence 23, Appl
C 37	19	100.0	418	11	US-11-226-325-25 Sequence 25, Appl
C 38	19	100.0	418	11	US-11-226-325-27 Sequence 27, Appl
C 39	19	100.0	418	11	US-11-226-325-29 Sequence 29, Appl
C 40	19	100.0	418	11	US-11-226-325-31 Sequence 31, Appl
C 41	19	100.0	418	11	US-11-226-325-33 Sequence 33, Appl
C 42	19	100.0	418	11	US-11-226-325-35 Sequence 35, Appl
C 43	19	100.0	418	11	US-11-226-325-37 Sequence 37, Appl
C 44	19	100.0	418	11	US-11-226-325-39 Sequence 39, Appl
C 45	19	100.0	418	11	US-11-226-325-41 Sequence 41, Appl

#### ALIGNMENTS

RESULT 1  
US-10-967-457-36/c  
; Sequence 36, Application US/10967457  
; Publication NO. US20050244931A1  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: Albinin Fusion Proteins  
; FILE REFERENCE: PFS45PCT  
; CURRENT APPLICATION NUMBER: US/10/967,457  
; PRIOR FILING DATE: 2004-10-19  
; PRIOR APPLICATION NUMBER: US/09/833,041  
; PRIOR FILING DATE: 2001-04-12  
; PRIOR APPLICATION NUMBER: 60/229,358  
; PRIOR FILING DATE: 2000-04-12  
; PRIOR APPLICATION NUMBER: 60/256,931  
; PRIOR FILING DATE: 2000-12-21  
; PRIOR APPLICATION NUMBER: 60/199,384  
; PRIOR FILING DATE: 2000-04-25  
; NUMBER OF SEQ ID NOS: 90  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 36  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; NAME/KEY: primer bind  
; OTHER INFORMATION: Degenerate VH forward primer useful for  
; OTHER INFORMATION: amplifying human VH domains  
US-10-967-457-36  
Query Match 100.0%; Score 19; DB 7; Length 23;  
Best Local Similarity 95.0%; Pred. No. 13;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 GACTGCACGCTGACCTG 20  
Db 20 GACTGCACGCTGACCTG 1  
RESULT 2  
US-11-128-440-49/c  
; Sequence 49, Application US/11128440  
; Publication NO. US20050261478A1  
; GENERAL INFORMATION:

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; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden-Ledbetter, Martha
; APPLICANT: Brady, William A.
; APPLICANT: Grosmaire, Laura S.
; APPLICANT: Law, Che-Beung
; APPLICANT: Dua, Raj
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
; FILE REFERENCE: 980034.408D1
; CURRENT APPLICATION NUMBER: US/11/128,440
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/646,381
; PRIOR FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: US 09/252,150
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/108,683
; PRIOR FILING DATE: 1998-11-16
; PRIOR APPLICATION NUMBER: 60/075,274
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-11-128-440-49

Query Match          100.0%; Score 19; DB 11; Length 23;
Best Local Similarity 95.0%; Pred. No. 13;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 GACTGCACCACTGNACTG 20
Db      20 GACTGCACCACTGCACTG 1

RESULT 3
US-11-175-690-62/c
; Sequence 62, Application US/11/75690
; Publication No. US20060014254A1
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P6605
; CURRENT APPLICATION NUMBER: US/11/175,690
; CURRENT FILING DATE: 2005-07-07
; PRIOR APPLICATION NUMBER: PCT/US04/001369
; PRIOR FILING DATE: 2004-01-20
; PRIOR APPLICATION NUMBER: US 60/441,305
; PRIOR FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US 60/453,201
; PRIOR FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: US 60/467,222
; PRIOR FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: US 60/472,816
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 60/476,267
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/505,172
; PRIOR FILING DATE: 2003-09-24
; PRIOR APPLICATION NUMBER: US 60/506,746
; PRIOR FILING DATE: 2003-09-30
; NUMBER OF SEQ ID NOS: 568
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 62
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: Degenerate VH forward primer useful for
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; OTHER INFORMATION: amplifying human VH domains
US-11-175-690-62

Query Match          100.0%; Score 19; DB 11; Length 23;
Best Local Similarity 95.0%; Pred. No. 13;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 GACTGCACCACTGNACTG 20
Db      20 GACTGCACCACTGCACTG 1

RESULT 4
US-11-024-251-37/c
; Sequence 37, Application US/11/024251
; Publication No. US20050266425A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Paris, Mark
; TITLE OF INVENTION: Methods for Producing and Identifying Multispecific Antibodies
; FILE REFERENCE: 1843.0230001
; CURRENT APPLICATION NUMBER: US/11/024,251
; CURRENT FILING DATE: 2004-12-29
; PRIOR APPLICATION NUMBER: 60/533,241
; PRIOR FILING DATE: 2003-12-31
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: Patentin Version 3.3
; SEQ ID NO 37
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer VH1
US-11-024-251-37

Query Match          100.0%; Score 19; DB 11; Length 38;
Best Local Similarity 95.0%; Pred. No. 14;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 GACTGCACCACTGNACTG 20
Db      35 GACTGCACCACTGCACTG 16

RESULT 5
US-11-024-251-68/c
; Sequence 68, Application US/11/024251
; Publication No. US20050266425A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Paris, Mark
; TITLE OF INVENTION: Methods for Producing and Identifying Multispecific Antibodies
; FILE REFERENCE: 1843.0230001
; CURRENT APPLICATION NUMBER: US/11/024,251
; CURRENT FILING DATE: 2004-12-29
; PRIOR APPLICATION NUMBER: 60/533,241
; PRIOR FILING DATE: 2003-12-31
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: Patentin Version 3.3
; SEQ ID NO 68
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer VH1a
US-11-024-251-68

Query Match          100.0%; Score 19; DB 11; Length 39;
Best Local Similarity 95.0%; Pred. No. 14;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 GACTGCACCACTGNACTG 20
Db      35 GACTGCACCACTGCACTG 16
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Db 36 GACTGCACGAGCTGCACCTG 17

RESULT 6  
US-11-158-505-60  
Sequence 60, Application US/11158505  
Publication No. US2006002921A1  
GENERAL INFORMATION:  
APPLICANT: WINOR-HINES, DAWN  
APPLICANT: RAO, PATRICIA  
APPLICANT: RINGLER, DOUGLAS J  
APPLICANT: PONATH, PAUL  
TITLE OF INVENTION: OPTIMIZED DOSING OF ANTI-CD4 ANTIBODIES FOR TOLERANCE  
TITLE OF INVENTION: INDUCTION IN PRIMATES  
FILE REFERENCE: TAN-031  
CURRENT APPLICATION NUMBER: US/11/158,505  
CURRENT FILING DATE: 2005-06-21  
PRIOR APPLICATION NUMBER: 60/582,181  
PRIOR FILING DATE: 2004-06-22  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: PatentIn Ver. 3.3  
SEQ ID NO: 60  
LENGTH: 90  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-11-158-505-60

Query Match Best Local Similarity 100.0%; Score 19; DB 11; Length 90;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGCACCTG 20  
Db 64 GACTGCACGAGCTGCACCTG 83

RESULT 7  
US-10-489-866-31/c  
Sequence 31, Application US/10489866  
Publication No. US2006002923A1  
GENERAL INFORMATION:  
APPLICANT: UDEB, TOSHIMITSU  
APPLICANT: KON, SHIGESUYUKI  
APPLICANT: YAMAMOTO, NOBUCHIKA  
APPLICANT: HIGUCHI, HIROFUMI  
APPLICANT: TORIKAI, MASAHARU  
APPLICANT: TOKIEDA, YOSHIYUKI  
APPLICANT: NAKASHIMA, TOSHIHIRO  
APPLICANT: MAEDA, HIROAKI  
TITLE OF INVENTION: RECOMBINANT ANTI-OSTEOPONTIN ANTIBODY AND USE THEREOF  
FILE REFERENCE: 250551US0X PCT  
CURRENT APPLICATION NUMBER: US/10/489,866  
CURRENT FILING DATE: 2004-03-24  
PRIOR APPLICATION NUMBER: PCT/JP02/09868  
PRIOR FILING DATE: 2002-09-25  
PRIOR APPLICATION NUMBER: JP 2001-290700  
PRIOR FILING DATE: 2001-09-25  
NUMBER OF SEQ ID NOS: 50  
SOFTWARE: PatentIn version 3.3  
SEQ ID NO: 31  
LENGTH: 97  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic DNA  
US-10-489-866-31

Query Match Best Local Similarity 100.0%; Score 19; DB 7; Length 97;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGCACCTG 20  
Db 96 GACTGCACGAGCTGCACCTG 77

RESULT 8  
US-10-839-799-94  
Sequence 94, Application US/10839799  
Publication No. US20050249726A1  
GENERAL INFORMATION:  
APPLICANT: OHTOMO, Toshihiko  
APPLICANT: SATO, Koh  
APPLICANT: TSUCHIYA, Masayuki  
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN  
MEDULLOBLASTOMA CELLS  
NUMBER OF SEQUENCES: 132  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/839,799  
FILING DATE: 06-May-2004  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/646,265  
FILING DATE: 09-SEP-1996  
APPLICATION NUMBER: WO PCT/JP94/01763  
FILING DATE: 19-OCT-1994  
APPLICATION NUMBER: JP 5-291078  
FILING DATE: 19-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WEGNER, Harold C.  
REGISTRATION NUMBER: 25,258  
REFERENCE/DOCKET NUMBER: 53466/184  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 130 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 94:  
US-10-839-799-94

Query Match Best Local Similarity 100.0%; Score 19; DB 7; Length 130;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGCACCTG 20  
Db 40 GACTGCACGAGCTGCACCTG 59

RESULT 9  
US-11-226-325-79  
Sequence 79, Application US/11226325  
Publication No. US2006008456A1  
GENERAL INFORMATION:  
APPLICANT: TSUCHIYA, MASAYUKI  
TITLE OF INVENTION: NATURAL HUMANIZED ANTIBODY

FILE REFERENCE: 053466/0274  
CURRENT APPLICATION NUMBER: US/11/226,325  
CURRENT FILING DATE: 2005-09-15  
PRIOR APPLICATION NUMBER: US/09/509,098  
PRIOR FILING DATE: 2000-03-22  
PRIOR APPLICATION NUMBER: PCT/JP98/04469  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: JP 9-271726  
PRIOR FILING DATE: 1997-10-03  
NUMBER OF SEQ ID NOS: 203  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 79  
LENGTH: 144  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA Primer  
US-11-226-325-79

Query Match 100.0%; Score 19; DB 11; Length 144;  
Best Local Similarity 95.0%; Pred. No. 15;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGNACTG 20  
|||||  
Db 54 GACTGCACCACTGCACTG 73

RESULT 10  
US-11-084-554-59/c  
Sequence 59, Application US/11084554  
Publication No. US20050260679A1  
GENERAL INFORMATION:  
APPLICANT: Kellermann, Strid-AI  
APPLICANT: Green, Larry L.  
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN  
FILE REFERENCE: ABGENIX.100A  
CURRENT APPLICATION NUMBER: US/11/084,554  
CURRENT FILING DATE: 2005-03-17  
PRIOR APPLICATION NUMBER: 60/554,372  
PRIOR FILING DATE: 2004-03-19  
PRIOR APPLICATION NUMBER: 60/574,661  
PRIOR FILING DATE: 2004-05-24  
NUMBER OF SEQ ID NOS: 266  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 59  
LENGTH: 296  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-11-084-554-59

Query Match 100.0%; Score 19; DB 11; Length 296;  
Best Local Similarity 95.0%; Pred. No. 16;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGNACTG 20  
|||||  
Db 20 GACTGCACCACTGNACTG 1

RESULT 11  
US-11-084-554-60/c  
Sequence 60, Application US/11084554  
Publication No. US20050260679A1  
GENERAL INFORMATION:  
APPLICANT: Kellermann, Strid-AI  
APPLICANT: Green, Larry L.  
APPLICANT: Korver, Moutier  
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN  
FILE REFERENCE: ABGENIX.100A  
TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION  
FILE REFERENCE: ABGENIX.100A

CURRENT APPLICATION NUMBER: US/11/084,554  
CURRENT FILING DATE: 2005-03-17  
PRIOR APPLICATION NUMBER: 60/554,372  
PRIOR FILING DATE: 2004-03-19  
PRIOR APPLICATION NUMBER: 60/574,661  
PRIOR FILING DATE: 2004-05-24  
NUMBER OF SEQ ID NOS: 266  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 60  
LENGTH: 296  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-11-084-554-60

Query Match 100.0%; Score 19; DB 11; Length 296;  
Best Local Similarity 95.0%; Pred. No. 16;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGNACTG 20  
|||||  
Db 20 GACTGCACCACTGCACTG 1

RESULT 12  
US-11-084-554-62/c  
Sequence 62, Application US/11084554  
Publication No. US20050260679A1  
GENERAL INFORMATION:  
APPLICANT: Kellermann, Strid-AI  
APPLICANT: Green, Larry L.  
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN  
FILE REFERENCE: ABGENIX.100A  
CURRENT APPLICATION NUMBER: US/11/084,554  
CURRENT FILING DATE: 2005-03-17  
PRIOR APPLICATION NUMBER: 60/554,372  
PRIOR FILING DATE: 2004-03-19  
PRIOR APPLICATION NUMBER: 60/574,661  
PRIOR FILING DATE: 2004-05-24  
NUMBER OF SEQ ID NOS: 266  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 62  
LENGTH: 296  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-11-084-554-62

Query Match 100.0%; Score 19; DB 11; Length 296;  
Best Local Similarity 95.0%; Pred. No. 16;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGNACTG 20  
|||||  
Db 20 GACTGCACCACTGNACTG 1

RESULT 13  
US-11-084-554-64/c  
Sequence 64, Application US/11084554  
Publication No. US20050260679A1  
GENERAL INFORMATION:  
APPLICANT: Kellermann, Strid-AI  
APPLICANT: Green, Larry L.  
APPLICANT: Korver, Moutier  
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN  
FILE REFERENCE: ABGENIX.100A  
CURRENT APPLICATION NUMBER: US/11/084,554  
CURRENT FILING DATE: 2005-03-17  
PRIOR APPLICATION NUMBER: 60/554,372  
PRIOR FILING DATE: 2004-03-19  
PRIOR APPLICATION NUMBER: 60/574,661

; PRIOR FILING DATE: 2004-05-24  
 ; NUMBER OF SEQ ID NOS: 266  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 64  
 ; LENGTH: 296  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-11-084-554-64

Query Match 100.0%; Score 19; DB 11; Length 296;  
 Best Local Similarity 95.0%; Pred. No. 16;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20  
 DB 20 GACTGCACCACTGACCTG 1

RESULT 14  
 US-11-084-554-66/c  
 ; Sequence 66, Application US/11084554  
 ; Publication No. US20050260679A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kellermann, Stryd-AI  
 ; APPLICANT: Green, Larry L.  
 ; APPLICANT: Korver, Wouter  
 ; TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN  
 ; TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION  
 ; FILE REFERENCE: AGENIX.100A  
 ; CURRENT APPLICATION NUMBER: US/11/084,554  
 ; PRIOR FILING DATE: 2005-03-17  
 ; PRIOR APPLICATION NUMBER: 60/554,372  
 ; PRIOR FILING DATE: 2004-03-19  
 ; PRIOR APPLICATION NUMBER: 60/574,661  
 ; PRIOR FILING DATE: 2004-05-24  
 ; NUMBER OF SEQ ID NOS: 266  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 66  
 ; LENGTH: 296  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-11-084-554-66

Query Match 100.0%; Score 19; DB 11; Length 296;  
 Best Local Similarity 95.0%; Pred. No. 16;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20  
 DB 20 GACTGCACCACTGACCTG 1

RESULT 15  
 US-11-084-554-67/c  
 ; Sequence 67, Application US/11084554  
 ; Publication No. US20050260679A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kellermann, Stryd-AI  
 ; APPLICANT: Green, Larry L.  
 ; APPLICANT: Korver, Wouter  
 ; TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN  
 ; TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION  
 ; FILE REFERENCE: AGENIX.100A  
 ; CURRENT APPLICATION NUMBER: US/11/084,554  
 ; PRIOR FILING DATE: 2005-03-17  
 ; PRIOR APPLICATION NUMBER: 60/554,372  
 ; PRIOR FILING DATE: 2004-03-19  
 ; PRIOR APPLICATION NUMBER: 60/574,661  
 ; PRIOR FILING DATE: 2004-05-24  
 ; NUMBER OF SEQ ID NOS: 266  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 67  
 ; LENGTH: 296

; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-11-084-554-67

Query Match 100.0%; Score 19; DB 11; Length 296;  
 Best Local Similarity 95.0%; Pred. No. 16;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20  
 DB 20 GACTGCACCACTGACCTG 1

Search completed: February 12, 2006, 18:50:47  
 Job time : 140.496 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:05:05 ; Search time 241.345 Seconds  
(without alignments)  
685.276 Million cell updates/sec

Title: US-10-006-591A-7

Perfect score: 19  
Sequence: 1 gactgcacccagctgnacctg 20

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 413468905 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Published Applications NA Main:\*

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:\*
- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBCOMB.seq:\*
- 4: /cgn2\_6/ptodata/1/pubpna/US09B\_PUBCOMB.seq:\*
- 5: /cgn2\_6/ptodata/1/pubpna/US10A\_PUBCOMB.seq:\*
- 6: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq:\*
- 7: /cgn2\_6/ptodata/1/pubpna/US10C\_PUBCOMB.seq:\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBCOMB.seq:\*
- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq:\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	19	100.0	20	US-10-006-591-7	Sequence 7, Appl
2	19	100.0	20	US-10-374-932-11	Sequence 11, Appl
3	19	100.0	20	US-10-379-741-11	Sequence 11, Appl
4	19	100.0	20	US-10-687-799-33	Sequence 33, Appl
5	19	100.0	20	US-10-738-120-25	Sequence 25, Appl
6	19	100.0	20	US-10-982-725-11	Sequence 11, Appl
7	19	100.0	21	US-10-920-899-1320	Sequence 1320, Ap
8	19	100.0	21	US-10-920-899-1408	Sequence 1408, Ap
9	19	100.0	21	US-10-920-899-1546	Sequence 1546, Ap
10	19	100.0	21	US-10-920-899-1576	Sequence 1576, Ap
11	19	100.0	23	US-09-779-879A-23	Sequence 23, Appl
12	19	100.0	23	US-09-779-880A-23	Sequence 23, Appl
13	19	100.0	23	US-09-910-120-12	Sequence 12, Appl
14	19	100.0	23	US-09-252-150-49	Sequence 49, Appl
15	19	100.0	23	US-09-939-769-7	Sequence 7, Appl
16	19	100.0	23	US-09-833-041-36	Sequence 36, Appl
17	19	100.0	23	US-09-833-245-36	Sequence 36, Appl
18	19	100.0	23	US-09-832-929-36	Sequence 36, Appl
19	19	100.0	23	US-10-077-023-121	Sequence 121, App
20	19	100.0	23	US-10-075-846-38	Sequence 38, Appl
21	19	100.0	23	US-10-056-884-31	Sequence 31, Appl
22	19	100.0	23	US-10-080-980-28	Sequence 28, Appl
23	19	100.0	23	US-10-092-135-38	Sequence 38, Appl

c 24	19	100.0	23	5	US-10-086-156-58	Sequence 58, Appl
c 25	19	100.0	23	5	US-10-081-775-28	Sequence 28, Appl
c 26	19	100.0	23	5	US-10-092-771-41	Sequence 41, Appl
c 27	19	100.0	23	5	US-10-067-443-33	Sequence 33, Appl
c 28	19	100.0	23	5	US-10-104-943-94	Sequence 94, Appl
c 29	19	100.0	23	5	US-10-104-943-94	Sequence 94, Appl
c 30	19	100.0	23	5	US-10-067-649-54	Sequence 54, Appl
c 31	19	100.0	23	5	US-10-067-600-23	Sequence 23, Appl
c 32	19	100.0	23	5	US-10-133-797-32	Sequence 32, Appl
c 33	19	100.0	23	5	US-10-174-613-53	Sequence 53, Appl
c 34	19	100.0	23	5	US-10-071-458-40	Sequence 40, Appl
c 35	19	100.0	23	5	US-10-116-519-105	Sequence 105, App
c 36	19	100.0	23	6	US-10-173-461-28	Sequence 28, Appl
c 37	19	100.0	23	6	US-10-153-604A-33	Sequence 33, Appl
c 38	19	100.0	23	6	US-10-341-226-12	Sequence 12, Appl
c 39	19	100.0	23	6	US-10-153-244-272	Sequence 272, App
c 40	19	100.0	23	6	US-10-199-869-41	Sequence 41, Appl
c 41	19	100.0	23	6	US-10-210-152-270	Sequence 270, App
c 42	19	100.0	23	6	US-10-234-951A-26	Sequence 26, Appl
c 43	19	100.0	23	6	US-10-135-839-23	Sequence 23, Appl
c 44	19	100.0	23	6	US-10-159-339-47	Sequence 47, Appl
c 45	19	100.0	23	6	US-10-120-398-36	Sequence 36, Appl

#### ALIGNMENTS

```
RESULT 1
US-10-006-591-7
; Sequence 7, Application US/10006591
; Publication No. US20030049731A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: Renshaw, Mark
; APPLICANT: Wild, Martha
; APPLICANT: McWhirter, John
; TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
; FILE REFERENCE: 1087-3
; CURRENT APPLICATION NUMBER: US/10/006,591
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 60/251,440
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: collar sequence
; NAME/KEY: misc feature
; LOCATION: (15)-(15)
; OTHER INFORMATION: n is c or a
US-10-006-591-7

Query Match      100.0%; Score 19; DB 5; Length 20;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GACTGCACCACTGNNACCTG 20
        |||||
Db       1 GACTGCACCACTGNNACCTG 20

RESULT 2
US-10-374-932-11/c
; Sequence 11, Application US/10374932
; Publication No. US20030235586A1
; GENERAL INFORMATION:
; APPLICANT: van de Winkel, Jan G.J.
```

APPLICANT: van Dijk, Marcus Antonius  
APPLICANT: Schuurman, Janine  
APPLICANT: Gerritsen, Arnout F.  
APPLICANT: Baadsgaard, Ole  
APPLICANT: Petersen, Jorgen  
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)  
FILE REFERENCE: GMI-024CP  
CURRENT APPLICATION NUMBER: US/10/374,932  
CURRENT FILING DATE: 2003-02-26  
PRIOR APPLICATION NUMBER: US 60/314,731  
PRIOR FILING DATE: 2001-08-23  
PRIOR APPLICATION NUMBER: US 10/226615  
PRIOR FILING DATE: 2002-08-23  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 11  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-374-932-11

Query Match 100.0%; Score 19; DB 6; Length 20;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GACTGCACCACTGACCTG 20  
Db 20 GACTGCACCACTGACCTG 1

RESULT 3  
US-10-379-741-11/c  
Sequence 11, Application US/10379741  
Publication No. US20040071702A1

GENERAL INFORMATION:  
APPLICANT: van de Winkel, Jan G.J.  
APPLICANT: Schuurman, Janine  
APPLICANT: Gerritsen, Arnout F.  
APPLICANT: Baadsgaard, Ole  
APPLICANT: Petersen, Jorgen  
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)  
FILE REFERENCE: GMI-024CP2  
CURRENT APPLICATION NUMBER: US/10/379,741  
CURRENT FILING DATE: 2003-03-05  
PRIOR APPLICATION NUMBER: US 60/314,731  
PRIOR FILING DATE: 2001-08-23  
PRIOR APPLICATION NUMBER: US 10/226615  
PRIOR FILING DATE: 2002-08-23  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 11  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-379-741-11

Query Match 100.0%; Score 19; DB 7; Length 20;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GACTGCACCACTGACCTG 20  
Db 20 GACTGCACCACTGACCTG 1

RESULT 4  
US-10-687-799-33/c  
Sequence 33, Application US/10687799  
Publication No. US20040167319A1

GENERAL INFORMATION:  
APPLICANT: Teeling, Jessica  
APPLICANT: Ruus, Sigrid

APPLICANT: Glennie, Martin  
APPLICANT: van de Winkel, Jan  
APPLICANT: Parren, Paul  
APPLICANT: Petersen, Jorgen  
APPLICANT: Baadsgaard, Ole  
APPLICANT: Huang, Haichun  
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD20  
FILE REFERENCE: GMI-055  
CURRENT APPLICATION NUMBER: US/10/687,799  
CURRENT FILING DATE: 2003-10-17  
PRIOR APPLICATION NUMBER: US 60/419,163  
PRIOR FILING DATE: 2002-10-17  
PRIOR APPLICATION NUMBER: US 60/460,028  
PRIOR FILING DATE: 2002-04-02  
NUMBER OF SEQ ID NOS: 57  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 33  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-687-799-33

Query Match 100.0%; Score 19; DB 7; Length 20;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GACTGCACCACTGACCTG 20  
Db 20 GACTGCACCACTGACCTG 1

RESULT 5  
US-10-738-120-25/c  
Sequence 25, Application US/10738120  
Publication No. US20040208873A1  
GENERAL INFORMATION:  
APPLICANT: Teeling, Jessica  
APPLICANT: Baadsgaard, Ole  
APPLICANT: Hudson, Debra  
APPLICANT: Petersen, Jorgen  
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST INTERLEUKIN 8 (IL-8)  
FILE REFERENCE: MXI-278  
CURRENT APPLICATION NUMBER: US/10/738,120  
CURRENT FILING DATE: 2003-12-16  
PRIOR APPLICATION NUMBER: 60/433,728  
PRIOR FILING DATE: 2002-12-16  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 25  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-738-120-25

Query Match 100.0%; Score 19; DB 8; Length 20;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GACTGCACCACTGACCTG 20  
Db 20 GACTGCACCACTGACCTG 1

RESULT 6  
US-10-982-725-11/c  
Sequence 11, Application US/10982725  
Publication No. US20050123542A1  
GENERAL INFORMATION:

APPLICANT: BEURSKENS, Frank  
APPLICANT: SCHURMAN, Janine  
APPLICANT: PARRIN, Paul  
APPLICANT: PETERSEN, Jorgen  
APPLICANT: BAADSGAARD, Ole  
TITLE OF INVENTION: METHODS FOR TREATING DISORDERS INVOLVING MONOCYTES  
FILE REFERENCE: AMJ-002  
CURRENT APPLICATION NUMBER: US/10/982,725  
PRIORITY FILING DATE: 2004-11-04  
PRIORITY FILING DATE: 2003-11-06  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 11  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-982-725-11

Query Match 100.0%; Score 19; DB 9; Length 20;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20  
Db 20 GACTGCACGACCTGACCTG 1

RESULT 7  
US-10-920-899-1320/c  
Sequence 1320, Application US/10920899  
Publication No. US20050048617A1  
GENERAL INFORMATION:  
APPLICANT: Wu, Herren  
APPLICANT: Dall'Acqua, William  
APPLICANT: Damschroder, Melissa  
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES  
FILE REFERENCE: AE650US  
CURRENT APPLICATION NUMBER: US/10/920,899  
CURRENT FILING DATE: 2004-08-18  
NUMBER OF SEQ ID NOS: 1781  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 1320  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primers  
US-10-920-899-1320

Query Match 100.0%; Score 19; DB 9; Length 21;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20  
Db 20 GACTGCACGACCTGACCTG 1

RESULT 8  
US-10-920-899-1408/c  
Sequence 1408, Application US/10920899  
Publication No. US20050048617A1  
GENERAL INFORMATION:  
APPLICANT: Wu, Herren  
APPLICANT: Dall'Acqua, William  
APPLICANT: Damschroder, Melissa  
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES  
FILE REFERENCE: AE650US  
CURRENT APPLICATION NUMBER: US/10/920,899  
CURRENT FILING DATE: 2004-08-18  
NUMBER OF SEQ ID NOS: 1781  
SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 1408  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primers  
US-10-920-899-1408

Query Match 100.0%; Score 19; DB 9; Length 21;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20  
Db 20 GACTGCACGACCTGACCTG 1

RESULT 9  
US-10-920-899-1546/c  
Sequence 1546, Application US/10920899  
Publication No. US20050048617A1  
GENERAL INFORMATION:  
APPLICANT: Wu, Herren  
APPLICANT: Dall'Acqua, William  
APPLICANT: Damschroder, Melissa  
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES  
FILE REFERENCE: AE650US  
CURRENT APPLICATION NUMBER: US/10/920,899  
CURRENT FILING DATE: 2004-08-18  
NUMBER OF SEQ ID NOS: 1781  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 1546  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primers  
US-10-920-899-1546

Query Match 100.0%; Score 19; DB 9; Length 21;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20  
Db 20 GACTGCACGACCTGACCTG 1

RESULT 10  
US-10-920-899-1576/c  
Sequence 1576, Application US/10920899  
Publication No. US20050048617A1  
GENERAL INFORMATION:  
APPLICANT: Wu, Herren  
APPLICANT: Dall'Acqua, William  
APPLICANT: Damschroder, Melissa  
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES  
FILE REFERENCE: AE650US  
CURRENT APPLICATION NUMBER: US/10/920,899  
CURRENT FILING DATE: 2004-08-18  
NUMBER OF SEQ ID NOS: 1781  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 1576  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primers  
US-10-920-899-1576

Query Match 100.0%; Score 19; DB 9; Length 21;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACCTG 20  
|||  
Db 20 GACTGCACGACGTGACCTG 1

## RESULT 11

US-09-779-879A-23/c  
; Sequence 23, Application US/09779879A  
; Patent No. US20020048786A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGMR10  
; FILE REFERENCE: 1488.115000A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 23  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain  
US-09-779-879A-23

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACCTG 20  
|||  
Db 20 GACTGCACGACGTGACCTG 1

## RESULT 12

US-09-779-880A-23/c  
; Sequence 23, Application US/09779880A  
; Patent No. US20020061834A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGMR10  
; FILE REFERENCE: 1488.115000C  
; CURRENT FILING DATE: US/09/779,880A  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 23  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain  
US-09-779-880A-23

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACCTG 20  
|||  
Db 20 GACTGCACGACGTGACCTG 1

## RESULT 13

US-09-910-120-12/c  
; Sequence 12, Application US/09910120  
; Patent No. US20020137053A1  
; GENERAL INFORMATION:  
; APPLICANT: DANA ADULT-RICHE  
; APPLICANT: PAUL D. KASSNER  
; TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS  
; TITLE OF INVENTION: AND USES THEREOF FOR NESTED SORTING AND HIGH THROUGHPUT  
; FILE REFERENCE: 25885-1751  
; CURRENT FILING DATE: 2001-07-18  
; PRIOR FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/219,183  
; PRIOR FILING DATE: 2000-07-19  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer: HUVH1ABACK  
US-09-910-120-12

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 71;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACCTG 20  
|||  
Db 20 GACTGCACGACGTGACCTG 1

## RESULT 14

US-09-252-150-49/c  
; Sequence 49, Application US/09252150A  
; Patent No. US20020155604A1  
; GENERAL INFORMATION:  
; APPLICANT: Ledbetter, Jeffrey A.  
; APPLICANT: Hayden Ledbetter, Martha  
; APPLICANT: Brady, William A.  
; APPLICANT: Grosmaire, Laura S.  
; APPLICANT: Law, Che-Ingung  
; APPLICANT: Dua, Raj  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING  
; TITLE OF INVENTION: LYMPHOCYTE ACTIVATION  
; FILE REFERENCE: 9113-0019-999  
; CURRENT FILING DATE: US/09/252,150A  
; PRIOR FILING DATE: 1999-02-18  
; EARLIER FILING DATE: 1998-02-19  
; EARLIER FILING DATE: 1998-02-19  
; EARLIER APPLICATION NUMBER: US 60/108,683  
; EARLIER FILING DATE: 1998-11-16  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 49  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-252-150-49



Query Match 100.0%; Score 19; DB 3; Length 23;  
 Best Local Similarity 95.0%; Pred. No. 71;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20  
 |||||  
 Db 20 GACTGCACCACTGACCTG 1

RESULT 15

US-09-939-769-7/c  
 ; Sequence 7, Application US/09939769  
 ; Publication No. US20030017149A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: HOEFFLER, JAMES P.  
 ; APPLICANT: RUSSELL, MARIJANE  
 ; TITLE OF INVENTION: SINGLE CHAIN ANTIBODY FUSION REAGENTS THAT REGULATE  
 ; FILE REFERENCE: 039322/0226  
 ; CURRENT APPLICATION NUMBER: US/09/939,769  
 ; PRIOR FILING DATE: 2001-08-28  
 ; PRIOR APPLICATION NUMBER: 08/728,890  
 ; NUMBER OF SEQ ID NOS: 96  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 7  
 ; LENGTH: 23  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer  
 US-09-939-769-7

Query Match 100.0%; Score 19; DB 3; Length 23;  
 Best Local Similarity 95.0%; Pred. No. 71;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20  
 |||||  
 Db 20 GACTGCACCACTGACCTG 1

Search completed: February 12, 2006, 18:36:51  
 Job time : 241.345 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 17:49:17 ; Search time 41.6807 Seconds  
(without alignments)  
852.943 Million cell updates/sec

Title: US-10-006-591A-7

Perfect score: 19  
Sequence: 1 gacgcacacagctgacctg 20

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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Issued Patents NA: \*  
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3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*  
4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*  
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6: /cgn2\_6/ptodata/1/ina/PCrus\_COMB.seq:\*  
7: /cgn2\_6/ptodata/1/ina/PP\_COMB.seq:\*  
8: /cgn2\_6/ptodata/1/ina/RE\_COMB.seq:\*  
9: /cgn2\_6/ptodata/1/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
c 1	19	100.0	22	3	US-08-896-535-1 Sequence 1, Appl
c 2	19	100.0	23	2	US-08-211-202-30 Sequence 30, Appl
c 3	19	100.0	23	2	US-08-307-619-10 Sequence 10, Appl
c 4	19	100.0	23	2	US-08-350-260A-56 Sequence 56, Appl
c 5	19	100.0	23	3	US-09-050-783-10 Sequence 10, Appl
c 6	19	100.0	23	3	US-09-104-337A-56 Sequence 56, Appl
c 7	19	100.0	23	3	US-10-067-443-33 Sequence 33, Appl
c 8	19	100.0	23	3	US-09-726-219A-81 Sequence 81, Appl
c 9	19	100.0	23	3	US-09-196-522-81 Sequence 81, Appl
c 10	19	100.0	23	3	US-09-832-929A-36 Sequence 36, Appl
c 11	19	100.0	23	3	US-09-833-111A-36 Sequence 36, Appl
c 12	19	100.0	38	2	US-08-211-202-43 Sequence 43, Appl
c 13	19	100.0	41	3	US-10-114-716A-27 Sequence 27, Appl
c 14	19	100.0	41	3	US-09-456-090A-2 Sequence 2, Appl
c 15	19	100.0	43	3	US-09-453-234-2 Sequence 2, Appl
c 16	19	100.0	45	3	US-08-495-209-26 Sequence 26, Appl
c 17	19	100.0	45	6	PCT-US96-10905-26 Sequence 26, Appl
c 18	19	100.0	56	2	US-08-211-202-101 Sequence 101, Appl
c 19	19	100.0	56	2	US-08-307-619-16 Sequence 16, Appl
c 20	19	100.0	56	2	US-08-244-557-15 Sequence 15, Appl
c 21	19	100.0	56	2	US-08-350-260A-62 Sequence 62, Appl
c 22	19	100.0	56	3	US-09-050-783-16 Sequence 16, Appl
c 23	19	100.0	56	3	US-09-104-337A-62 Sequence 62, Appl
c 24	19	100.0	56	3	US-09-197-224-15 Sequence 15, Appl

c 25	19	100.0	56	3	US-09-197-221-15 Sequence 15, Appl
c 26	19	100.0	56	3	US-09-572-392A-15 Sequence 15, Appl
c 27	19	100.0	56	3	US-09-723-756-15 Sequence 15, Appl
c 28	19	100.0	56	3	US-09-532-840-15 Sequence 87, Appl
c 29	19	100.0	56	3	US-09-726-219A-87 Sequence 87, Appl
c 30	19	100.0	56	3	US-09-196-522-87 Sequence 87, Appl
c 31	19	100.0	60	3	US-10-030-203-1 Sequence 1, Appl
c 32	19	100.0	71	3	US-08-569-147-64 Sequence 64, Appl
c 33	19	100.0	76	3	US-10-014-012-68 Sequence 68, Appl
c 34	19	100.0	78	2	US-08-477-877B-61 Sequence 61, Appl
c 35	19	100.0	78	2	US-08-472-281A-61 Sequence 61, Appl
c 36	19	100.0	78	2	US-08-477-989B-61 Sequence 61, Appl
c 37	19	100.0	78	3	US-09-462-140D-61 Sequence 61, Appl
c 38	19	100.0	117	2	US-08-290-592E-22 Sequence 22, Appl
c 39	19	100.0	117	6	PCT-US95-10053-19 Sequence 19, Appl
c 40	19	100.0	117	6	PCT-US96-09448-22 Sequence 22, Appl
c 41	19	100.0	124	3	US-09-830-748B-15 Sequence 15, Appl
c 42	19	100.0	130	3	US-08-646-265A-94 Sequence 94, Appl
c 43	19	100.0	132	2	US-07-634-278-74 Sequence 74, Appl
c 44	19	100.0	132	2	US-08-477-278-74 Sequence 74, Appl
c 45	19	100.0	132	2	US-08-474-040-74 Sequence 74, Appl

#### ALIGNMENTS

RESULT 1  
US-08-896-535-1/c  
; Sequence 1, Application US/08896535  
; Patent No. 6936464  
GENERAL INFORMATION:  
APPLICANT: Zhu, Delin  
APPLICANT: Hawkins, Robert Edward  
APPLICANT: Russell, Stephen James  
APPLICANT: Stevenson, Freda Katherine  
APPLICANT: Winter, Gregory Paul  
TITLE OF INVENTION: Improvements in or Relating to  
NUMBER OF SEQUENCES: 79  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MS Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/896, 535  
FILING DATE: 18-JUL-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/411,622  
FILING DATE: 14-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/02054  
FILING DATE: 04-OCT-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9220808.1  
FILING DATE: 02-OCT-1992  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

US-08-896-535-1

Query Match 100.0%; Score 19; DB 3; Length 22;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACACGCTGNACCTG 20  
Db 20 GACTGCACACGCTGCACCTG 1

## RESULT 2

US-08-211-202-30/c  
Sequence 30, Application US/08211202

Patent No. 5565332  
GENERAL INFORMATION:

APPLICANT: HOOGENBOOM, Hendricus Renerus Jacobus Matheus

APPLICANT: BAIER, Michael

APPLICANT: JESPER, Laurent Stephane Anne Therese

APPLICANT: WINTER, Gregory Paul

TITLE OF INVENTION: Production of chimeric antibodies - a

TITLE OF INVENTION: combinatorial approach

NUMBER OF SEQUENCES: 144

CORRESPONDENCE ADDRESS:

ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &

ADDRESS: Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/211,202

FILING DATE: 23-SEP-1992

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9120252.3

FILING DATE: 23-SEP-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9120377.8

FILING DATE: 25-SEP-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206318.9

FILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206372.6

FILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB92/00883

FILING DATE: 15-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: David W. Clough

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 28111/31960

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-474-6300

TELEFAX: 312-474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 30:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-211-202-30

Query Match 100.0%; Score 19; DB 2; Length 23;

Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACACGCTGNACCTG 20  
Db 20 GACTGCACACGCTGCACCTG 1

## RESULT 3

US-08-307-619-10/c  
Sequence 10, Application US/08307619

Patent No. 5733743  
GENERAL INFORMATION:

APPLICANT: Johnson, Kevin S

APPLICANT: Winter, Gregory P

APPLICANT: Griffiths, Andrew D

APPLICANT: Smith, Andrew JH

APPLICANT: Waterhouse, P

TITLE OF INVENTION: Methods for producing members of specific

TITLE OF INVENTION: binding pairs

NUMBER OF SEQUENCES: 67

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/307,619

FILING DATE: 16-SEP-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: G01N 33/531, G01N 33/68

FILING DATE: 24-MAR-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206318.9

FILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB92/00883

FILING DATE: 15-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: David W. Clough

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 28111/32238

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-474-6300

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-307-619-10

Query Match 100.0%; Score 19; DB 2; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACACGCTGNACCTG 20  
Db 20 GACTGCACACGCTGCACCTG 1

## RESULT 4

US-08-350-260A-56/c  
Sequence 56, Application US/08350260A

Patent No. 5962255

Query Match 100.0%; Score 19; DB 2; Length 23;

GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
APPLICANT: Griffiths, Andrew David  
APPLICANT: Williams, Samuel Cameron  
APPLICANT: Waterhouse, Peter  
APPLICANT: Nisim, Ahuva  
APPLICANT: Johnson, Kevin Stuart  
APPLICANT: Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
NUMBER OF SEQUENCES: 602  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough  
STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/350,260A  
FILING DATE: 05-DEC-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB91/01134  
FILING DATE: 10-JUL-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32372  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-350-260A-56

Query Match 100.0%; Score 19; DB 2; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGNACTG 20  
DB 20 GACTGCACGAGCTGCACTG 1

RESULT 5

US-09-050-783-10/c  
Sequence 10, Application US/09050783  
Patent No. 6140471  
GENERAL INFORMATION:  
APPLICANT: Johnson, Kevin S  
APPLICANT: Winter, Gregory P  
APPLICANT: Griffiths, Andrew D  
APPLICANT: Smith, Andrew JH  
APPLICANT: Waterhouse, P  
TITLE OF INVENTION: Methods for producing members of specific  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/050,783  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: David W. Clough  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32238  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-050-783-10

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGNACTG 20  
DB 20 GACTGCACGAGCTGCACTG 1

RESULT 6  
US-09-104-337A-56/c  
Sequence 56, Application US/09104337A  
Patent No. 6492160

GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
Griffiths, Andrew David  
Williams, Samuel Cameron  
Waterhouse, Peter  
Nisim, Ahuva  
Johnson, Kevin Stuart

Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
binding pairs  
NUMBER OF SEQUENCES: 600  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Audrey L. Bartnicki  
STREET: Marshall, Gerstein & Borun  
6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/104,337A  
FILING DATE: 25-Jun-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/350,260  
FILING DATE: 05-DEC-1994  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Bartnicki, Audrey L.  
REGISTRATION NUMBER: 40,499  
REFERENCE/DOCKET NUMBER: 28111/32372A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 56:  
US-09-104-337A-56  
Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 GACTGCACCACTGACCTG 20  
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Db 20 GACTGCACCACTGACCTG 1  
RESULT 7  
US-10-067-443-33/c  
Sequence 33, Application US/10067443  
Patent No. 6642041  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN  
FILE REFERENCE: D0073 NP  
CURRENT APPLICATION NUMBER: US/10/067,443  
PRIOR APPLICATION NUMBER: US 60/266,518  
PRIOR FILING DATE: 2001-02-05  
PRIOR APPLICATION NUMBER: US 60/282,814

PRIOR FILING DATE: 2001-04-10  
NUMBER OF SEQ ID NOS: 71  
SOFTWARE: Patent version 3.0  
SEQ ID NO 33  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-067-443-33  
Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 GACTGCACCACTGACCTG 20  
|||||  
Db 20 GACTGCACCACTGACCTG 1  
RESULT 8  
US-09-726-219A-81/c  
Sequence 81, Application US/09726219A  
Patent No. 6806079  
GENERAL INFORMATION:  
APPLICANT: Cambridge Antibody Technology Limited  
APPLICANT: Cambridge Antibody Technology Limited  
APPLICANT: Medical Research Council  
APPLICANT: McCafferty, John  
APPLICANT: Pope, Anthony  
APPLICANT: Johnson, Kevin  
APPLICANT: Hoogenboom, Hendricus  
APPLICANT: Griffiths, Andrew  
APPLICANT: Jackson, Ronald  
APPLICANT: Holliger, Kasper  
APPLICANT: Marks, James  
APPLICANT: Jackson, Timothy  
APPLICANT: Chiswell, David  
APPLICANT: Winter, Gregory  
APPLICANT: Bonert, Timothy  
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
FILE REFERENCE: 213839-00013  
CURRENT APPLICATION NUMBER: US/09/726,219A  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: GB 9015198.6  
PRIOR FILING DATE: 1990-07-10  
PRIOR APPLICATION NUMBER: GB 9022845.3  
PRIOR FILING DATE: 1990-10-19  
PRIOR APPLICATION NUMBER: GB 9022845.3  
PRIOR FILING DATE: 1990-10-19  
PRIOR APPLICATION NUMBER: GB 9024503.6  
PRIOR FILING DATE: 1990-11-12  
PRIOR APPLICATION NUMBER: GB 9104744.9  
PRIOR FILING DATE: 1991-03-06  
PRIOR APPLICATION NUMBER: GB 9110549.4  
PRIOR FILING DATE: 1991-05-15  
PRIOR APPLICATION NUMBER: PCT/GB91/01134  
PRIOR FILING DATE: 1991-07-10  
PRIOR APPLICATION NUMBER: US 07/971,857  
PRIOR FILING DATE: 1993-01-08  
PRIOR APPLICATION NUMBER: US 08/484,893  
NUMBER OF SEQ ID NOS: 272  
SOFTWARE: Patent version 3.1  
SEQ ID NO 81  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-09-726-219A-81  
Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCGAGTGNACCTG 20  
|||||  
Db 20 GACTGCACCGAGTGCACCTG 1

RESULT 9  
US-09-196-522-81/C

Sequence 81, Application US/09196522  
Patent No. 691605  
GENERAL INFORMATION:  
APPLICANT: Cambridge Antibody Technology  
APPLICANT: Cambridge Antibody Technology Limited  
APPLICANT: Medical Research Council  
APPLICANT: McCafferty, John  
APPLICANT: Pope, Anthony  
APPLICANT: Johnson, Kevin  
APPLICANT: Hoogenboom, Hendricus  
APPLICANT: Griffiths, Andrew  
APPLICANT: Jackson, Ronald  
APPLICANT: Holliger, Kaaper  
APPLICANT: Marks, James  
APPLICANT: Jackson, Timothy  
APPLICANT: Chiswell, David  
APPLICANT: Winter, Gregory  
APPLICANT: Bonert, Timothy  
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
FILE REFERENCE: 213839-00004  
CURRENT APPLICATION NUMBER: US/09/196,522  
CURRENT FILING DATE: 1998-11-28  
PRIOR APPLICATION NUMBER: GB 9015198.6  
PRIOR FILING DATE: 1990-07-10  
PRIOR APPLICATION NUMBER: GB 9022845.3  
PRIOR FILING DATE: 1990-10-19  
PRIOR APPLICATION NUMBER: GB 9022845.3  
PRIOR FILING DATE: 1990-10-19  
PRIOR APPLICATION NUMBER: GB 9024503.6  
PRIOR FILING DATE: 1990-11-12  
PRIOR APPLICATION NUMBER: GB 9104744.9  
PRIOR FILING DATE: 1991-03-06  
PRIOR APPLICATION NUMBER: GB 9110549.4  
PRIOR FILING DATE: 1991-05-15  
PRIOR APPLICATION NUMBER: PCT/GB91/01134  
PRIOR FILING DATE: 1991-07-10  
PRIOR APPLICATION NUMBER: US 07/971,857  
PRIOR FILING DATE: 1993-01-08  
PRIOR APPLICATION NUMBER: US 08/484,893  
PRIOR FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 272  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 81  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-09-196-522-81

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCGAGTGNACCTG 20  
|||||  
Db 20 GACTGCACCGAGTGCACCTG 1

RESULT 10  
US-09-832-929A-36/C  
Sequence 36, Application US/09832929A  
Patent No. 6926898  
GENERAL INFORMATION:  
APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Albumin Fusion Proteins  
FILE REFERENCE: PPS47PCT  
CURRENT APPLICATION NUMBER: US/09/832,929A  
CURRENT FILING DATE: 2001-04-12  
PRIOR APPLICATION NUMBER: 60/229,358  
PRIOR FILING DATE: 2000-04-12  
PRIOR APPLICATION NUMBER: 60/256,931  
PRIOR FILING DATE: 2000-12-21  
PRIOR APPLICATION NUMBER: 60/199,384  
PRIOR FILING DATE: 2000-04-25  
NUMBER OF SEQ ID NOS: 82  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 36  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: primer bind  
OTHER INFORMATION: Degenerate VH forward primer useful for  
OTHER INFORMATION: amplifying human VH domains  
US-09-832-929A-36

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCGAGTGNACCTG 20  
|||||  
Db 20 GACTGCACCGAGTGCACCTG 1

RESULT 11  
US-09-833-111A-36/C  
Sequence 36, Application US/09833111A  
Patent No. 6946134  
GENERAL INFORMATION:  
APPLICANT: Human Genome Sciences, Inc.  
TITLE OF INVENTION: Albumin Fusion Proteins  
FILE REFERENCE: PPS48PCT  
CURRENT APPLICATION NUMBER: US/09/833,111A  
CURRENT FILING DATE: 2001-04-12  
PRIOR APPLICATION NUMBER: 60/229,358  
PRIOR FILING DATE: 2000-04-12  
PRIOR APPLICATION NUMBER: 60/256,931  
PRIOR FILING DATE: 2000-12-21  
PRIOR APPLICATION NUMBER: 60/199,384  
PRIOR FILING DATE: 2000-04-25  
NUMBER OF SEQ ID NOS: 82  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 36  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: primer bind  
OTHER INFORMATION: Degenerate VH forward primer useful for  
OTHER INFORMATION: amplifying human VH domains  
US-09-833-111A-36

Query Match 100.0%; Score 19; DB 3; Length 23;  
Best Local Similarity 95.0%; Pred. No. 28;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCGAGTGNACCTG 20  
|||||  
Db 20 GACTGCACCGAGTGCACCTG 1

RESULT 12  
US-08-211-202-43/C  
Sequence 43, Application US/08211202  
Patent No. 5565332  
GENERAL INFORMATION:

APPLICANT: HOOGENBOOM, Hendricus Renerus Jacobus Mattheus  
APPLICANT: BAER, Michael  
APPLICANT: JESPERS, Laurent Stephane Anne Therese  
APPLICANT: WINNER, Gregory Paul  
TITLE OF INVENTION: Production of chimeric antibodies - a  
TITLE OF INVENTION: combinatorial approach  
NUMBER OF SEQUENCES: 144  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &  
ADDRESS: Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/211.202  
FILING DATE: 23-SEP-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION NUMBER: GB 9120252.3  
FILING DATE: 23-SEP-1991  
APPLICATION NUMBER: GB 9120377.8  
FILING DATE: 25-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206372.6  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: David W. Clough  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/31960  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
TELEFAX: 312-474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 38 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-211-202-43  
Query Match 100.0%; Score 19; DB 2; Length 38;  
Best Local Similarity 95.0%; Pred. No. 29;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACCTG 20  
DB 35 GACTGCACCACTGACCTG 16

RESULT 13  
US-10-114-716A-27/c  
Sequence 27, Application US/10114716A  
Patent No. 6855804  
GENERAL INFORMATION:  
APPLICANT: Sudhir Paul  
APPLICANT: Yasuhito Nishiyama  
TITLE OF INVENTION: Covalently Reactive Transition State

TITLE OF INVENTION: Analogs and Methods of Use Thereof  
FILE REFERENCE: UTH001HB  
CURRENT APPLICATION NUMBER: US/10/114,716A  
CURRENT FILING DATE: 2002-04-01  
PRIOR APPLICATION NUMBER: 09/862,849  
PRIOR FILING DATE: 2001-05-22  
PRIOR APPLICATION NUMBER: 09/046,373  
PRIOR FILING DATE: 1998-03-23  
PRIOR APPLICATION NUMBER: 60/280,624  
PRIOR FILING DATE: 2001-03-31  
NUMBER OF SEQ ID NOS: 57  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 27  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-114-716A-27  
Query Match 100.0%; Score 19; DB 3; Length 41;  
Best Local Similarity 95.0%; Pred. No. 29;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACCTG 20  
DB 38 GACTGCACCACTGACCTG 19

RESULT 14  
US-09-456-090A-2/c  
Sequence 2, Application US/09456090A  
Patent No. 6880209  
GENERAL INFORMATION:  
APPLICANT: Buechler, Joe  
APPLICANT: Valkirs, Gunars  
APPLICANT: Gray, Jeff  
APPLICANT: Lonberg, Nils  
TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS  
FILE REFERENCE: 020015-000200US  
CURRENT APPLICATION NUMBER: US/09/456,090A  
CURRENT FILING DATE: 1999-12-06  
NUMBER OF SEQ ID NOS: 110  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 2  
LENGTH: 43  
TYPE: DNA  
ORGANISM: Artificial Sequence  
OTHER INFORMATION: Description of Artificial Sequence: Oligo 944  
US-09-456-090A-2  
Query Match 100.0%; Score 19; DB 3; Length 43;  
Best Local Similarity 95.0%; Pred. No. 29;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACCTG 20  
DB 40 GACTGCACCACTGACCTG 21

RESULT 15  
US-09-453-234-2/c  
Sequence 2, Application US/09453234  
Patent No. 6794132  
GENERAL INFORMATION:  
APPLICANT: Buechler, Joe  
APPLICANT: Valkirs, Gunars  
APPLICANT: Gray, Jeff  
APPLICANT: Lonberg, Nils  
APPLICANT: Biosite Diagnostics, Inc.  
APPLICANT: Genpharm International  
TITLE OF INVENTION: Human Antibodies  
FILE REFERENCE: 020015-000110US  
CURRENT APPLICATION NUMBER: US/09/453,234



/ CURRENT FILING DATE: 1999-12-01  
 / PRIOR APPLICATION NUMBER: US 60/157,415  
 / PRIOR FILING DATE: 1999-10-02  
 / NUMBER OF SEQ ID NOS: 112  
 / SOFTWARE: Patent Ver. 2.1  
 / SEQ ID NO: 2  
 / LENGTH: 43  
 / TYPE: DNA  
 / ORGANISM: Artificial Sequence  
 / OTHER INFORMATION: Description of Artificial Sequence: Oligo 944  
 US-09-453-234-2

Query Match 100.0%; Score 19; DB 3; Length 43;  
 Best Local Similarity 95.0%; Pred. No. 29;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 1 GACTGCACCACTGNACTG 20  
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 Db 40 GACTGCACCACTGCACTG 21

Search completed: February 12, 2006, 18:04:49  
 Job time : 42.6807 secs

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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:05:05 / Search time 193.076 Seconds  
(without alignments)  
685.276 Million cell updates/sec

Title: US-10-006-591A-3

Perfect score: 15  
Sequence: 1 gggctcctcgatcgtt 16

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications NA Main:\*

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:\*
- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09\_PUBCOMB.seq:\*
- 4: /cgn2\_6/ptodata/1/pubpna/US09B\_PUBCOMB.seq:\*
- 5: /cgn2\_6/ptodata/1/pubpna/US10A\_PUBCOMB.seq:\*
- 6: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq:\*
- 7: /cgn2\_6/ptodata/1/pubpna/US10C\_PUBCOMB.seq:\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBCOMB.seq:\*
- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq:\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	15	100.0	16	US-10-006-591-3	Sequence 3, Appl1
2	15	100.0	20	US-09-192-854-187	Sequence 187, App
3	15	100.0	20	US-09-192-854-199	Sequence 199, App
4	15	100.0	20	US-09-968-561A-325	Sequence 325, App
5	15	100.0	20	US-09-968-561A-337	Sequence 337, App
6	15	100.0	20	US-09-968-744A-325	Sequence 325, App
7	15	100.0	20	US-09-968-744A-337	Sequence 337, App
8	15	100.0	20	US-09-968-561A-325	Sequence 325, App
9	15	100.0	20	US-09-968-561A-337	Sequence 337, App
10	15	100.0	20	US-11-115-682-325	Sequence 325, App
11	15	100.0	20	US-11-115-682-337	Sequence 337, App
12	15	100.0	21	US-09-810-999-1	Sequence 1, Appl1
13	15	100.0	21	US-09-389-565-7	Sequence 7, Appl1
14	15	100.0	21	US-09-810-999-1	Sequence 1, Appl1
15	100.0	21	6	US-10-435-567-2	Sequence 2, Appl1
16	15	100.0	21	US-10-296-085A-2	Sequence 2, Appl1
17	15	100.0	21	US-10-920-899-1250	Sequence 1250, App
18	15	100.0	21	US-10-920-899-1539	Sequence 1539, App
19	15	100.0	21	US-10-920-899-1569	Sequence 1569, App
20	15	100.0	22	US-10-485-466-14	Sequence 14, Appl
21	15	100.0	23	US-09-779-879A-33	Sequence 33, Appl
22	15	100.0	23	US-09-025-403A-31	Sequence 31, Appl
23	15	100.0	23	US-09-779-880A-33	Sequence 33, Appl

c	24	15	100.0	23	3	US-09-910-120-22	Sequence 22, Appl
c	25	15	100.0	23	3	US-09-974-052-31	Sequence 31, Appl
c	26	15	100.0	23	3	US-09-974-051-31	Sequence 31, Appl
c	27	15	100.0	23	3	US-09-999-025-29	Sequence 29, Appl
c	28	15	100.0	23	3	US-09-999-040-29	Sequence 29, Appl
c	29	15	100.0	23	3	US-09-998-817-29	Sequence 29, Appl
c	30	15	100.0	23	3	US-09-999-021-29	Sequence 21, Appl
c	31	15	100.0	23	3	US-09-939-769-41	Sequence 41, Appl
c	32	15	100.0	23	3	US-09-974-498-31	Sequence 31, Appl
c	33	15	100.0	23	3	US-09-974-516-31	Sequence 31, Appl
c	34	15	100.0	23	3	US-09-833-041-46	Sequence 46, Appl
c	35	15	100.0	23	3	US-09-833-245-46	Sequence 46, Appl
c	36	15	100.0	23	3	US-09-832-929-46	Sequence 46, Appl
c	37	15	100.0	23	5	US-10-040-997-29	Sequence 29, Appl
c	38	15	100.0	23	5	US-10-077-023-95	Sequence 95, Appl
c	39	15	100.0	23	5	US-10-075-846-48	Sequence 48, Appl
c	40	15	100.0	23	5	US-10-056-884-41	Sequence 41, Appl
c	41	15	100.0	23	5	US-10-080-980-38	Sequence 38, Appl
c	42	15	100.0	23	5	US-10-092-135-48	Sequence 48, Appl
c	43	15	100.0	23	5	US-10-086-156-68	Sequence 68, Appl
c	44	15	100.0	23	5	US-10-081-775-38	Sequence 38, Appl
c	45	15	100.0	23	5	US-10-092-771-51	Sequence 51, Appl

#### ALIGNMENTS

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RESULT 1
US-10-006-591-3
; Sequence 3, Application US/10006591
; Publication No. US20030049731A1
; GENERAL INFORMATION:
; APPLICANT: Bowditch, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: Renshaw, Mark
; APPLICANT: Wild, Martha
; APPLICANT: McWhitter, John
; TITLE OR INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
; FILE REFERENCE: 1087-3
; CURRENT APPLICATION NUMBER: US/10/006,591
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 60/251,440
; PRIOR FILING DATE: 2000-12-05
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: collar sequence
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: n is c or t
US-10-006-591-3

Query Match      100.0%; Score 15; DB 5; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      1 GGGTCATCTGATGT 15
Db      1 GGGTCATCTGATGT 15

RESULT 2
US-09-192-854-187/c
; Sequence 187, Application US/09192854
; Patent No. US20020068276A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
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; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916
; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-192-854-187
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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```

RESULT 3
US-09-192-854-199/c
; Sequence 199, Application US/09192854
; Patent No. US2002006826A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916
; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-192-854-199
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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```

RESULT 4
US-09-968-561A-325/c
; Sequence 325, Application US/09968561A
; Patent No. US2002016462A1
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073B
; CURRENT APPLICATION NUMBER: US/09/968,561A
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
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; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-325
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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

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RESULT 5
US-09-968-561A-337/c
; Sequence 337, Application US/09968561A
; Patent No. US2002016462A1
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073B
; CURRENT APPLICATION NUMBER: US/09/968,561A
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-337
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```

Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```

RESULT 6
US-09-968-744A-325/c
; Sequence 325, Application US/09968744A
; Publication No. US20030148372A1
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073
; CURRENT APPLICATION NUMBER: US/09/968,744A
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/
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn version 3.1
SEQ ID NO 325
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Synthetic PCR primer
US-09-968-744A-325
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```
Query Match      100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```
RESULT 7
US-09-968-744A-337/c
Sequence 337, Application US/09968744A
Publication No. US20030148372A1
GENERAL INFORMATION:
APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILE REFERENCE: 8039/1073
CURRENT APPLICATION NUMBER: US/09/968,744A
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn version 3.1
SEQ ID NO 337
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Synthetic PCR primer
US-09-968-744A-337
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Query Match      100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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RESULT 8

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US-09-968-561A-325/c
Sequence 325, Application US/09968561A
Publication No. US20040038291A2
GENERAL INFORMATION:
APPLICANT: Tomlinson, Ian M
APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILE REFERENCE: 8039/1073B
CURRENT APPLICATION NUMBER: US/09/968,561A
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn version 3.1
SEQ ID NO 325
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-325
```

```
Query Match      100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```
RESULT 9
US-09-968-561A-337/c
Sequence 337, Application US/09968561A
Publication No. US20040038291A2
GENERAL INFORMATION:
APPLICANT: Tomlinson, Ian M
APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILE REFERENCE: 8039/1073B
CURRENT APPLICATION NUMBER: US/09/968,561A
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 350
SOFTWARE: PatentIn version 3.1
SEQ ID NO 337
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-337
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Query Match 100.0%; Score 15; DB 3; Length 20;

Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
|||||  
Db 16 GGGTCATCTGGATGT 2

## RESULT 10

US-11-115-682-325/c  
; Sequence 325, Application US/11115682  
; Publication No. US20050202512A1  
; GENERAL INFORMATION:  
; APPLICANT: Tomlinson, Ian M  
; APPLICANT: Winter, Gregory  
; TITLE OF INVENTION: Method to Screen Phage Libraries with Different Ligands  
; FILE REFERENCE: 8039/1073B  
; CURRENT APPLICATION NUMBER: US/11/115,682  
; CURRENT FILING DATE: 2005-04-27  
; PRIOR APPLICATION NUMBER: GB 9722131.1  
; PRIOR FILING DATE: 1997-10-20  
; PRIOR APPLICATION NUMBER: US 60/065,248  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: US 60/066,729  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: PCT/GB98/03135  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: US 09/511,939  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 350  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 325  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Synthetic PCR primer  
US-11-115-682-325

Query Match 100.0%; Score 15; DB 10; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
|||||  
Db 16 GGGTCATCTGGATGT 2

## RESULT 11

US-11-115-682-337/c  
; Sequence 337, Application US/11115682  
; Publication No. US20050202512A1  
; GENERAL INFORMATION:  
; APPLICANT: Tomlinson, Ian M  
; APPLICANT: Winter, Gregory  
; TITLE OF INVENTION: Method to Screen Phage Libraries with Different Ligands  
; FILE REFERENCE: 8039/1073B  
; CURRENT APPLICATION NUMBER: US/11/115,682  
; CURRENT FILING DATE: 2005-04-27  
; PRIOR APPLICATION NUMBER: GB 9722131.1  
; PRIOR FILING DATE: 1997-10-20  
; PRIOR APPLICATION NUMBER: US 60/065,248  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: US 60/066,729  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: PCT/GB98/03135  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: US 09/511,939  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 350  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 337

; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Synthetic PCR primer  
US-11-115-682-337

Query Match 100.0%; Score 15; DB 10; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
|||||  
Db 16 GGGTCATCTGGATGT 2

RESULT 12  
US-09-810-999-1/c  
; Sequence 1, Application US/09810999  
; Patent No. US2001002465A1  
; GENERAL INFORMATION:  
; APPLICANT: Neville, David M.  
; APPLICANT: Thomas, Judith T.  
; APPLICANT: Thomas, Francis T.  
; TITLE OF INVENTION: USE OF IMMUNOTOXINS TO INDUCE IMMUNE  
; TITLE OF INVENTION: TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION  
; FILE REFERENCE: 14028.0284U2  
; CURRENT APPLICATION NUMBER: US/09/810,999  
; CURRENT FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 09/064,413  
; PRIOR FILING DATE: 1998-04-22  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:/note =  
US-09-810-999-1

Query Match 100.0%; Score 15; DB 3; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
|||||  
Db 16 GGGTCATCTGGATGT 2

RESULT 13  
US-09-389-565-7/c  
; Sequence 7, Application US/09389565  
; Publication No. US20030157093A1  
; GENERAL INFORMATION:  
; APPLICANT: Neville, David M.  
; APPLICANT: Scharff, Joshua E.  
; APPLICANT: Thompson, Jerry Todd  
; APPLICANT: Hu, Huaizhong  
; APPLICANT: Ma, Shenglin  
; TITLE OF INVENTION: AN IMMUNOTOXIN WITH IN VIVO T CELL  
; TITLE OF INVENTION: SUPPRESSANT ACTIVITY AND METHODS OF USE  
; FILE REFERENCE: 14028.0290  
; CURRENT APPLICATION NUMBER: US/09/389,565  
; CURRENT FILING DATE: 1999-09-03  
; PRIOR APPLICATION NUMBER: 08/739,703  
; PRIOR FILING DATE: 1996-10-29  
; PRIOR APPLICATION NUMBER: 60/008,104  
; PRIOR FILING DATE: 1995-10-30  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSeq for Windows Version 3.0

/ SEQ ID NO 7  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: oligonucleotide primer  
US-09-389-565-7

Query Match 100.0%; Score 15; DB 3; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
Db 16 GGGTCATCTGGATGT 2

RESULT 14  
US-09-810-999-1/c  
/ Sequence 1, Application US/09810999  
/ Publication No. US20050142117A9  
/ GENERAL INFORMATION:  
/ APPLICANT: Neville, David M.  
/ APPLICANT: Thomas, Judith T.  
/ APPLICANT: Thomas, Francis T.  
/ TITLE OF INVENTION: USE OF IMMUNOTOXINS TO INDUCE IMMUNE  
/ TITLE OF INVENTION: TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION  
/ FILE REFERENCE: 14028.028402  
/ CURRENT APPLICATION NUMBER: US/09/810,999  
/ CURRENT FILING DATE: 2001-03-16  
/ PRIOR APPLICATION NUMBER: 09/064,413  
/ PRIOR FILING DATE: 1998-04-22  
/ NUMBER OF SEQ ID NOS: 14  
/ SOFTWARE: PatsSeq for Windows Version 4.0  
/ SEQ ID NO 1  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence:/note =  
US-09-810-999-1

Query Match 100.0%; Score 15; DB 3; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
Db 16 GGGTCATCTGGATGT 2

RESULT 15  
US-10-435-567-2/c  
/ Sequence 2, Application US/10435567  
/ Publication No. US20030185825A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Neville, David M.  
/ APPLICANT: Knechtle, Stuart  
/ APPLICANT: Thomas, Judith M.  
/ APPLICANT: Thompson, Jerry T.  
/ APPLICANT: Hu, Huailong  
/ APPLICANT: Ma, Shenglin  
/ TITLE OF INVENTION: IMMUNOTOXINS AND METHODS OF INDUCING  
/ TITLE OF INVENTION: IMMUNE TOLERANCE  
/ FILE REFERENCE: 14028.0287  
/ CURRENT APPLICATION NUMBER: US/10/435,567  
/ CURRENT FILING DATE: 2003-05-09  
/ PRIOR APPLICATION NUMBER: US/09/380,484  
/ PRIOR FILING DATE: 1999-12-06  
/ PRIOR APPLICATION NUMBER: PCT/US98/04303  
/ PRIOR FILING DATE: 1998-03-05  
/ PRIOR APPLICATION NUMBER: 60/039,987

/ PRIOR FILING DATE: 1997-03-05  
/ NUMBER OF SEQ ID NOS: 16  
/ SOFTWARE: PatsSeq for Windows Version 4.0  
/ SEQ ID NO 2  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence:/note =  
US-10-435-567-2

Query Match 100.0%; Score 15; DB 6; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15  
Db 16 GGGTCATCTGGATGT 2

Search completed: February 12, 2006, 18:36:50  
Job time : 194.076 secs

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November 2005

Published\_Applications Nucleic Acid and Published\_Applications Amino Acid database searches now generate two sets of results each. The Published\_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published\_Applications\_New databases; older published applications make up the Published\_Applications\_Main databases.

Searches run against Nucleic Acid Published\_Applications produce two sets of results, with the extensions **.rnpbm** (Published\_Applications\_NA\_Main) and **.rnpbn** (Published\_Applications\_NA\_New). Searches run against Amino Acid Published\_Applications produce two sets of results, with the extensions **.rapbm** (Published\_Applications\_AA\_Main) and **.rapbn** (Published\_Applications\_AA\_New).

**This Page Blank (uspto)**

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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 ; Search time 111.597 Seconds  
(without alignments)  
128.916 Million cell updates/sec

Title: US-10-006-591A-3

Perfect score: 15  
Sequence: 1 GGGTCATCTGATGCTN 16

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 12480610

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

1: Published Applications NA, New:  
2: /cgn2\_6/ptcdatc/1/pubpna/US06\_NEW\_PUB.seq:  
3: /cgn2\_6/ptcdatc/1/pubpna/US07\_NEW\_PUB.seq:  
4: /cgn2\_6/ptcdatc/1/pubpna/PTC\_NEW\_PUB.seq:  
5: /cgn2\_6/ptcdatc/1/pubpna/US09\_NEW\_PUB.seq:  
6: /cgn2\_6/ptcdatc/1/pubpna/US10\_NEW\_PUB.seq:  
7: /cgn2\_6/ptcdatc/1/pubpna/US11\_NEW\_PUB.seq:  
8: /cgn2\_6/ptcdatc/1/pubpna/US11\_NEW\_PUB.seq:  
9: /cgn2\_6/ptcdatc/1/pubpna/US11\_NEW\_PUB.seq:  
10: /cgn2\_6/ptcdatc/1/pubpna/US11\_NEW\_PUB.seq:  
11: /cgn2\_6/ptcdatc/1/pubpna/US11\_NEW\_PUB.seq:  
12: /cgn2\_6/ptcdatc/1/pubpna/US60\_NEW\_PUB.seq:

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	15	100.0	23	7	US-10-967-457-46
2	15	100.0	23	7	US-11-175-690-72
3	15	100.0	25	11	US-11-121-849-24405
4	15	100.0	35	11	US-11-024-251-47
5	15	100.0	35	11	US-11-041-095-11
6	15	100.0	35	11	US-11-041-095-12
7	15	100.0	35	11	US-11-041-095-17
8	15	100.0	35	11	US-11-041-095-18
9	15	100.0	35	11	US-11-041-095-23
10	15	100.0	35	11	US-11-041-095-24
11	15	100.0	37	11	US-11-024-251-78
12	15	100.0	39	7	US-10-925-366A-14
13	15	100.0	41	7	US-10-839-799-105
14	15	100.0	44	7	US-10-839-799-106
15	15	100.0	44	11	US-11-009-840A-222
16	15	100.0	44	11	US-11-009-873A-222
17	15	100.0	44	11	US-11-009-873A-222
18	15	100.0	50	11	US-11-080-587-3
19	15	100.0	65	7	US-10-310-914A-9466
20	15	100.0	79	7	US-10-310-914A-3491
21	15	100.0	81	7	US-10-310-914A-9484

c	22	15	100.0	84	7	US-10-839-799-100	Sequence 100, App
c	23	15	100.0	87	7	US-10-473-037-18	Sequence 18, App
c	24	15	100.0	87	7	US-10-473-037-43	Sequence 43, App
c	25	15	100.0	287	11	US-11-084-554-157	Sequence 157, App
c	26	15	100.0	287	11	US-11-084-554-162	Sequence 162, App
c	27	15	100.0	287	11	US-11-084-554-167	Sequence 167, App
c	28	15	100.0	287	11	US-11-084-554-170	Sequence 170, App
c	29	15	100.0	287	11	US-11-084-554-171	Sequence 171, App
c	30	15	100.0	287	11	US-11-084-554-172	Sequence 172, App
c	31	15	100.0	287	11	US-11-084-554-175	Sequence 175, App
c	32	15	100.0	287	11	US-11-084-554-183	Sequence 183, App
c	33	15	100.0	287	11	US-11-084-554-189	Sequence 189, App
c	34	15	100.0	287	11	US-11-084-554-192	Sequence 192, App
c	35	15	100.0	287	11	US-11-084-554-194	Sequence 194, App
c	36	15	100.0	287	11	US-11-136-250-157	Sequence 157, App
c	37	15	100.0	287	11	US-11-136-250-162	Sequence 162, App
c	38	15	100.0	287	11	US-11-136-250-167	Sequence 167, App
c	39	15	100.0	287	11	US-11-136-250-170	Sequence 170, App
c	40	15	100.0	287	11	US-11-136-250-171	Sequence 171, App
c	41	15	100.0	287	11	US-11-136-250-172	Sequence 172, App
c	42	15	100.0	287	11	US-11-136-250-175	Sequence 175, App
c	43	15	100.0	287	11	US-11-136-250-183	Sequence 183, App
c	44	15	100.0	287	11	US-11-136-250-189	Sequence 189, App
c	45	15	100.0	287	11	US-11-136-250-189	Sequence 189, App

#### ALIGNMENTS

RESULT 1  
US-10-967-457-46/c  
Sequence 46, Application US/10967457  
Publication No. US20050244931AI  
GENERAL INFORMATION:  
APPLICANT: Human Genome Sciences, Inc.  
TITLE OF INVENTION: Albumin Fusion Proteins  
FILE REFERENCE: P545PCT  
CURRENT APPLICATION NUMBER: US/10/967, 457  
PRIOR FILING DATE: 2004-10-19  
PRIOR APPLICATION NUMBER: US/09/833, 041  
PRIOR FILING DATE: 2001-04-12  
PRIOR APPLICATION NUMBER: 60/229,358  
PRIOR FILING DATE: 2000-04-12  
PRIOR APPLICATION NUMBER: 60/256,931  
PRIOR FILING DATE: 2000-12-21  
PRIOR APPLICATION NUMBER: 60/199,384  
PRIOR FILING DATE: 2000-04-25  
NUMBER OF SEQ ID NOS: 90  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 46  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
NAME/KEY: primer bind  
OTHER INFORMATION: Degenerate Ykappa forward primer useful for  
OTHER INFORMATION: amplifying human VL domains  
US-10-967-457-46  
Query Match 100.0%; Score 15; DB 7; Length 23;  
Best Local Similarity 100.0%; Pred. No. 37;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 16 GGGTCATCTGATGT 2  
QY 1 GGGTCATCTGATGT 15  
US-11-175-690-72/c  
Sequence 72, Application US/11175690  
Publication No. US20060014254A1  
GENERAL INFORMATION:

```
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P6605
; CURRENT APPLICATION NUMBER: US/11/175,690
; CURRENT FILING DATE: 2005-07-07
; PRIOR APPLICATION NUMBER: PCT/US04/001369
; PRIOR FILING DATE: 2004-01-20
; PRIOR APPLICATION NUMBER: US 60/441,305
; PRIOR FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US 60/453,201
; PRIOR FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: US 60/467,222
; PRIOR FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: US 60/472,816
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 60/476,267
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/505,172
; PRIOR FILING DATE: 2003-09-24
; PRIOR APPLICATION NUMBER: US 60/506,746
; PRIOR FILING DATE: 2003-09-30
; NUMBER OF SEQ ID NOS: 568
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; OTHER INFORMATION: Degenerate Vkappa forward primer useful for
; OTHER INFORMATION: amplifying human VL domains
US-11-175-690-72
```

```
Query Match          100.0%; Score 15; DB 11; Length 23;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```
RESULT 3
US-11-121-849-24405/c
; Sequence 24405, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24405
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-24405
```

```
Query Match          100.0%; Score 15; DB 11; Length 25;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      1 GGGTCATCTGGATGT 15
        |||||
Db      19 GGGTCATCTGGATGT 5
```

RESULT 4

```
US-11-024-251-47/c
; Sequence 47, Application US/11024251
; Publication No. US20050266425A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: Methods for Producing and Identifying Multippecific Antibodies
; FILE REFERENCE: 1843.0230001
; CURRENT APPLICATION NUMBER: US/11/024,251
; CURRENT FILING DATE: 2004-12-29
; PRIOR APPLICATION NUMBER: 60/533,241
; PRIOR FILING DATE: 2003-12-31
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 47
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer V-Kappa 1
US-11-024-251-47
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```
Query Match          100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      1 GGGTCATCTGGATGT 15
        |||||
Db      28 GGGTCATCTGGATGT 14
```

```
RESULT 5
US-11-041-095-11
; Sequence 11, Application US/11041095
; Publication No. US20060024782A1
; GENERAL INFORMATION:
; APPLICANT: Lembeck, Jan
; TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
; FILE REFERENCE: 10453.200-US
; CURRENT APPLICATION NUMBER: US/11/041,095
; CURRENT FILING DATE: 2005-01-20
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer for PCR
US-11-041-095-11
```

```
Query Match          100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      1 GGGTCATCTGGATGT 15
        |||||
Db      3 GGGTCATCTGGATGT 17
```

```
RESULT 6
US-11-041-095-12/c
; Sequence 12, Application US/11041095
; Publication No. US20060024782A1
; GENERAL INFORMATION:
; APPLICANT: Lembeck, Jan
; TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
; FILE REFERENCE: 10453.200-US
; CURRENT APPLICATION NUMBER: US/11/041,095
; CURRENT FILING DATE: 2005-01-20
; NUMBER OF SEQ ID NOS: 74
```

SOFTWARE: Patentin version 3.3  
SEQ ID NO 12  
LENGTH: 35  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-11-041-095-12

Query Match 100.0%; Score 15; DB 11; Length 35;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15  
|||  
Db 33 GGGTCATCTGGATGT 19

RESULT 7  
US-11-041-095-17  
Sequence 17, Application US/11041095  
Publication No. US20060024782A1  
GENERAL INFORMATION:  
APPLICANT: Lehmebeck, Jan  
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or  
TITLE OF INVENTION: in a Fungal Host Cell  
FILE REFERENCE: 10453.200-US  
CURRENT APPLICATION NUMBER: US/11/041.095  
CURRENT FILING DATE: 2005-01-20  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: Patentin version 3.3  
SEQ ID NO 17  
LENGTH: 35  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-11-041-095-17

Query Match 100.0%; Score 15; DB 11; Length 35;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15  
|||  
Db 33 GGGTCATCTGGATGT 17

RESULT 8  
US-11-041-095-18/c  
Sequence 18, Application US/11041095  
Publication No. US20060024782A1  
GENERAL INFORMATION:  
APPLICANT: Lehmebeck, Jan  
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or  
TITLE OF INVENTION: in a Fungal Host Cell  
FILE REFERENCE: 10453.200-US  
CURRENT APPLICATION NUMBER: US/11/041.095  
CURRENT FILING DATE: 2005-01-20  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: Patentin version 3.3  
SEQ ID NO 18  
LENGTH: 35  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-11-041-095-18

Query Match 100.0%; Score 15; DB 11; Length 35;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15  
|||  
Db 33 GGGTCATCTGGATGT 17

RESULT 9  
US-11-041-095-23  
Sequence 23, Application US/11041095  
Publication No. US20060024782A1  
GENERAL INFORMATION:  
APPLICANT: Lehmebeck, Jan  
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or  
TITLE OF INVENTION: in a Fungal Host Cell  
FILE REFERENCE: 10453.200-US  
CURRENT APPLICATION NUMBER: US/11/041.095  
CURRENT FILING DATE: 2005-01-20  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: Patentin version 3.3  
SEQ ID NO 23  
LENGTH: 35  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-11-041-095-23

Qy 1 GGGTCATCTGGATGT 15  
|||  
Db 33 GGGTCATCTGGATGT 19

RESULT 10  
US-11-041-095-24/c  
Sequence 24, Application US/11041095  
Publication No. US20060024782A1  
GENERAL INFORMATION:  
APPLICANT: Lehmebeck, Jan  
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or  
TITLE OF INVENTION: in a Fungal Host Cell  
FILE REFERENCE: 10453.200-US  
CURRENT APPLICATION NUMBER: US/11/041.095  
CURRENT FILING DATE: 2005-01-20  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: Patentin version 3.3  
SEQ ID NO 24  
LENGTH: 35  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-11-041-095-24

Query Match 100.0%; Score 15; DB 11; Length 35;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15  
|||  
Db 33 GGGTCATCTGGATGT 17

RESULT 11  
US-11-024-251-78/c  
Sequence 78, Application US/11024251  
Publication No. US20050266425A1  
GENERAL INFORMATION:  
APPLICANT: Zauderer, Maurice  
TITLE OF INVENTION: Methods for Producing and Identifying Multipespecific Antibodies

Query Match 100.0%; Score 15; DB 11; Length 35;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15  
|||  
Db 33 GGGTCATCTGGATGT 19

Query Match 100.0%; Score 15; DB 11; Length 35;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
FILE REFERENCE: 1843.0230001
CURRENT APPLICATION NUMBER: US/11/024,251
CURRENT FILING DATE: 2004-12-29
PRIOR APPLICATION NUMBER: 60/533,241
PRIOR FILING DATE: 2003-12-31
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn version 3.3
SEQ ID NO 78
LENGTH: 37
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer V-Kappa 1a
US-11-024-251-78

Query Match      100.0%; Score 15; DB 11; Length 37;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 GGGTCATCTGGATGT 15
        |||||
Db      30 GGGTCATCTGGATGT 16

RESULT 12
US-10-925-366A-14/C
Sequence 14, Application US/10925366A
Publication No. US20050271663A1
GENERAL INFORMATION:
APPLICANT: Ignatovich, Olga
APPLICANT: Demjaldt, Rudolph M.T.
APPLICANT: Benjamin, Woolven
APPLICANT: Grant, Steven
APPLICANT: Jones, Philip
APPLICANT: Baerzan, Amirik
APPLICANT: Brewis, Neil
TITLE OF INVENTION: Compositions and Methods for Treating Inflammatory Disorders
FILE REFERENCE: 8039/2105
CURRENT APPLICATION NUMBER: US/10/925,366A
CURRENT FILING DATE: 2004-08-24
PRIOR APPLICATION NUMBER: US 10/744,774
PRIOR FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: PCT/GB2003/002804
PRIOR FILING DATE: 2003-06-30
PRIOR APPLICATION NUMBER: PCT/GB2002/03014
PRIOR FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: GB 0230202.4
PRIOR FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: GB 115841.9
PRIOR FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: PCT/GB2004/002829
PRIOR FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: US 60/535,076
PRIOR FILING DATE: 2004-01-08
PRIOR APPLICATION NUMBER: PCT/GB2003/005646
PRIOR FILING DATE: 2003-12-24
PRIOR APPLICATION NUMBER: GB 0327706.8
PRIOR FILING DATE: 2003-11-28
PRIOR APPLICATION NUMBER: US 60/509,613
PRIOR FILING DATE: 2003-10-08
NUMBER OF SEQ ID NOS: 368
SOFTWARE: PatentIn version 3.3
SEQ ID NO 14
LENGTH: 39
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic PCR Primer
US-10-925-366A-14

Query Match      100.0%; Score 15; DB 7; Length 39;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1 GGGTCATCTGGATGT 15
        |||||
Db      31 GGGTCATCTGGATGT 17

RESULT 13
US-10-839-799-105
Sequence 105, Application US/10839799
Publication No. US20050249726A1
GENERAL INFORMATION:
APPLICANT: OHTOMO, Toshiniko
        SATO, Koh
        TSUCHIYA, Masayuki
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
MEDULLOBLASTOMA CELLS
NUMBER OF SEQUENCES: 132
CORRESPONDENCE ADDRESS:
ADDRESSER: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/839,799
FILING DATE: 06-May-2004
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,265
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: WO PCT/JP94/01763
FILING DATE: 19-OCT-1994
APPLICATION NUMBER: JP 5-291078
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: WEGNER, Harold C.
REGISTRATION NUMBER: 25,258
REFERENCE/DOCKET NUMBER: 53466/184
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 105:
US-10-839-799-105

Query Match      100.0%; Score 15; DB 7; Length 41;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 GGGTCATCTGGATGT 15
        |||||
Db      8 GGGTCATCTGGATGT 22

RESULT 14
US-10-839-799-106/C
Sequence 106, Application US/10839799
Publication No. US20050249726A1
GENERAL INFORMATION:
APPLICANT: OHTOMO, Toshiniko
        SATO, Koh
```

TSUCHIYA, Masayuki  
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN  
MEDULLOBLASTOMA CELLS  
NUMBER OF SEQUENCES: 132  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/839,799  
FILING DATE: 06-May-2004  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/646,265  
FILING DATE: 09-SEP-1996  
APPLICATION NUMBER: WO PCT/JP94/01763  
FILING DATE: 19-OCT-1994  
APPLICATION NUMBER: JP 5-291078  
FILING DATE: 19-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WEGNER, Harold C.  
REGISTRATION NUMBER: 25,258  
REFERENCE/DOCKET NUMBER: 53466/184  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 106:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 44 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 106:  
US-10-839-799-106  
Query Match 100.0%; Score 15; DB 7; Length 44;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 GGGTCATCTGGATGT 15  
|||  
Db 19 GGGTCATCTGGATGT 5

RESULT 15  
US-11-009-840A-222/c  
Sequence 222, Application US/11009840A  
Publication No. US20060015949A1  
GENERAL INFORMATION:  
APPLICANT: Medarex, Inc.  
APPLICANT: Lonberg, Nils  
APPLICANT: Kay, Robert M.  
TITLE OF INVENTION: TRANSGENIC NON-HUMAN ANIMALS FOR PRODUCING HETEROLOGOUS  
TITLE OF INVENTION: AND CHIMERIC ANTIBODIES  
FILE REFERENCE: 04280/1201643-US8  
CURRENT APPLICATION NUMBER: US/11/009,840A  
CURRENT FILING DATE: 2004-12-10  
PRIOR APPLICATION NUMBER: US 09/724,965  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: US 08/758,417  
PRIOR FILING DATE: 1996-12-02  
PRIOR APPLICATION NUMBER: US 08/728,463  
PRIOR FILING DATE: 1996-10-10  
PRIOR APPLICATION NUMBER: US 08/544,404

PRIOR FILING DATE: 1995-10-10  
PRIOR APPLICATION NUMBER: US 08/352,322  
PRIOR FILING DATE: 1994-12-07  
PRIOR APPLICATION NUMBER: US 08/209,741  
PRIOR FILING DATE: 1994-03-09  
PRIOR APPLICATION NUMBER: US 08/165,699  
PRIOR FILING DATE: 1993-12-10  
PRIOR APPLICATION NUMBER: US 08/161,739  
PRIOR FILING DATE: 1993-12-03  
PRIOR APPLICATION NUMBER: US 08/155,301  
PRIOR FILING DATE: 1993-11-18  
PRIOR APPLICATION NUMBER: US 08/096,762  
PRIOR FILING DATE: 1993-07-22  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 418  
SOFTWARE: PatentIn version 3.3  
SEQ ID NO 222  
LENGTH: 44  
TYPE: DNA  
ORGANISM: Artificial  
OTHER INFORMATION: synthetic oligonucleotide  
US-11-009-840A-222  
Query Match 100.0%; Score 15; DB 11; Length 44;  
Best Local Similarity 100.0%; Pred. No. 39;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 GGGTCATCTGGATGT 15  
|||  
Db 29 GGGTCATCTGGATGT 15

Search completed: February 12, 2006, 18:50:46  
Job time : 112.597 secs

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